

# BIOPHILATELY

OFFICIAL JOURNAL OF THE BIOLOGY UNIT OF ATA

DECEMBER 2014

VOLUME 63, NUMBER 4

## Dive! Dive! Lost WWII Submarines and Their Namesake Creatures



Vic Eichler  
**Birds and Frogs**

### More Inside >>



## IN THIS ISSUE

From the Editor's Desk .....	207
President's Message .....	208
Secretary-Treasurer's Corner .....	209
Letters.....	210
News of Note.....	211
Clements 2014 Update .....	259
Biology Reference Websites .....	296
Glossary.....	298
Officer Biographies .....	299

## NEW ISSUES:

Botany – Christopher E. Dahle .....	231
Fungi – Paul A. Mistretta .....	239
Mammalia – Michael Prince.....	241
Ornithology – Glenn G. Mertz.....	247
Ichthyology – Kris P. Lindstrom .....	269
Invertebrates – Ian Hunter .....	279
Entomology – Donald Wright, Jr.....	289
Paleontology – Hans-Peter Schultze..	295

## ARTICLES & ILLUSTRATIONS:

SEAPEX 2014 – Jack R. Congrove ...	213
“Gold Star” Biologicals of WWII– Elmer J. Binker.....	215
World of Butterflies and Moths Part 2– Victor Kachan .....	225
Birds and Frogs – Vic Eichler.....	229
New Birds in the Philatelic Aviary – Charles E. Braun .....	263
International Lepidoptera Exhibits.....	268

**BIOPHILATELY****Editor**

Jack R. Congrove  
P.O. Box 33092, Fort Lewis, WA 98433, USA  
jackcongrove@comcast.net

**Publisher**

Richard Roman  
Dick.Roman@SbcGlobal.Net

**Associate Editors**

Christopher E. Dahle *Botany*  
1401 Linmar Dr. NE, Cedar Rapids, IA 52402  
chris-dahle@fastermac.net

Dr. Paul A. Mistretta *Fungi*  
4148 Commodore Dr., Atlanta, GA 30341  
paulmistretta70@gmail.com

Michael J. Prince *Mammalia*  
"Dorset," Grove Road, Ash Vale, Aldershot, Hants. U.K.  
Michael.Prince@bushinternet.com

Glenn G. Mertz *Ornithology*  
625 N. Lafayette St., Allentown, PA 18104  
ggmertz@juno.com

Charles E. Braun *New Birds*  
7 Winthrop Drive, Aiken, SC 29803  
ChuckBraun@aol.com

Kris P. Lindstrom *Ichthyology*  
P.O. Box 51008, Pacific Grove, CA 93950  
kplenviro2@sti.net

Ian Hunter *Invertebrate Zoology*  
77 Edgevalley Way N.W., Calgary, AB  
T3A 4X7, Canada  
ighunter@shaw.ca

Donald P. Wright, Jr. *Entomology*  
84 Woosamonsa Rd., Pennington, NJ 08534  
don.aa2f@verizon.net

Dr. Hans-Peter Schultze *Paleontology*  
2001 Vermont, Lawrence, KS 66046  
hp1937@ku.edu

**BIOLOGY UNIT OF ATA**

Alan J. Hanks **President**  
34 Seaton Drive, Aurora, ON Canada L4G 2K1

Laurence E. Davidson **Vice-President**  
P.O. Box 154, Tobermory, ON Canada N0H 2R0

Christopher E. Dahle **Secretary/Treasurer**  
1401 Linmar Dr. NE, Cedar Rapids, IA 52402

**Directors**

Jack R. Congrove (Washington)  
John Pereira (Massachusetts)  
Dr. Frederick C. Skvara (New Jersey)  
Donald P. Wright, Jr. (New Jersey)

**Publicity Director**

William Cochran  
9/30 William Street, Castlemaine, Victoria  
3450 Australia  
enquiries@philatelicdatabase.com

**Librarian**

Mark Reineke  
925 Boychuk Drive, Saskatoon, SK  
S7H 4L6 Canada  
mikadoate@sasktel.net

**Website**

[www.biophilately.org](http://www.biophilately.org)

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 a posted answer.

The term Scott and Scott Catalogue numbers are trademarks of Amos Philatelics, Inc., dba Scott Publishing Company.

**PLEASE NOTE: Material for the next issue should be in the hands of the Editor before 15 February 2015.**

### FROM THE EDITOR'S DESK

This issue completes Volume 63 and reminds us that the end-of-year holidays are upon us. With that in mind, I wish all of you a terrific holiday season and a safe and prosperous new year.

The close of the year also reminds us that we need to send in our annual membership dues payment. Please remit your payments to the Treasurer, Chris Dahle, using the enclosed form. For those who receive only the electronic version of the journal, please use the application form under the Membership link on the Unit website, <http://www.biophilately.org>. Also, a reminder that our Study Unit accepts donations, which we use to defray costs of printing and mailing the journal, acquiring awards to present to Biology exhibits, and promoting the Unit's educational mission. Please consider adding a donation to your dues remittance.

This issue contains more story articles than our typical issue. Our Marine Invertebrate column makes an appearance after a short hiatus. The second installment of Vladimir Kachan's feature on Butterflies and Moths begins on page 225. Our Letters column is becoming rather sparse. Please keep your letters and e-mails coming. This sort of exchange is one of the primary goals of our Unit.

A report on SEAPEX 2014 begins on page 213. If you attend, or are involved with organizing a local, regional, or national show, especially one that includes exhibits, please send me a report.

As the journal editor, I am on various philatelic distribution lists and often receive messages about new issues. I try to use some of these to fill out pages that are partially blank because the preceding column did not take up an entire page. The new issue from Uruguay shown on page 228 is an example of this. When I received the notice about this issue, it contained only a picture of the item, a title, and the date of issue, plus the notice was in Portuguese because it came from an organization in Brazil named FILACAP. What happened next illustrates the power of the Internet and the extent of knowledge among our associate editors.

First, I was able to download a high quality image of the issue and crop it to place in the article. Next, though I understand some Spanish, I had to use the translation applications on the Internet to confirm the titles on the stamp images. Sometimes you can find details about new issues from the websites of the issuing postal authority. But unfortunately the information about this issue from *Correo Uruguayo* only listed the printing quantity and the names of the designer and printer.

The next task was to identify the subjects depicted on each stamp. The strawberry on the Family Agriculture stamp was easy, as was the Plains Zebra on the Biodiversity stamp. But what about the two birds, one on the stamp and one in the margin? I checked [birdtheme.org](http://birdtheme.org), but it only listed the flamingo. So, I contacted our New Birds editor, Chuck Braun, and he quickly came through with the identification of the hummingbird.

Being a collector of butterflies on stamps, I have an extensive set of references, which I consulted to identify the butterfly on the Environment stamp (this image shows the *lavinia* form of *Junonia evarete*).

Now about those plants. I consulted our Botany editor, Chris Dahle. He immediately identified the specimen in the margin and replied that he had emailed a botany professor in Uruguay who specializes in composites (whom he found via Google). No more than 20 minutes later, we had our reply from Dr. Mauricio Bonifacino of the *Facultad de Agronomía Laboratorio de Botánica*, in Montevideo, Uruguay, about the thistle species.

The Internet is a powerful research tool that all of us can use to understand more about items in our collections.

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 website ([www.biophilately.org](http://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

Greetings from Ontario, where winter has arrived with quite a snowfall today, with shovelling a necessity! Before I joined the Biology Unit in 1974 and the ATA in 1976, I had not really thought much about thematic collecting as a branch of the wider field of Philately. I was a member of a couple of local stamp clubs and most of the members collected either by country, or by some aspect of postal history. But at a show in Toronto one year, there was quite a good thematic exhibit, so I found the owner and talked to him. He said that he had been an ATA member for some time, but that he did not know of any other members. It occurred to me at the time that there must be other collectors interested in thematics (or topicals as they were more usually called at the time), but I had great difficulty finding any!

Then, in 1979, I talked my wife into flying out to Spokane for the ATA show and we had a wonderful time! As my wife observed; "I never knew it could be such fun spending the weekend with a bunch of stamp collectors!" From then on, it became the rule that our annual holiday would consist in driving to wherever the ATA show was and getting to know America and some of the wonderful scenery that we encountered along the way. In 1983, we made our first visit to Texas, as the show was in San Antonio and we saw the Alamo and the place where the famous "Hanging Judge" operated.

The show was to be in Reno in 1985 and we decided that we would fly to San Francisco, rent a car to do some sightseeing up and down the coast and then drive to Reno for the show. We had never been in a gambling establishment before (it was the bottom floor of the hotel) and were amazed to see people pouring money into slot machines. After the show, we drove round Lake Tahoe, through Yosemite National Park and then back up the coast highway to S.F. before returning home. We both agreed that it was the most interesting trip we had done and we had many more to come. Along the way, we found that Americans were friendly, generous, and often interested in meeting Canadians! The years have passed and Father Time has caught up with us so that travelling the way we selected is no longer possible. But, hey!! The memories and our pictures are still here to remind us!

Until next time...

*Alan J. Hawks*

**Flora &  
Fauna**



**New issues FDCs and Stamps**

**[www.fauna-stamps.com](http://www.fauna-stamps.com)**



**Philately Company s.r.o.**  
 Radouňova 2681/24, 155 00, Prague, Czech Republic  
 E-mail: [info@fauna-stamps.com](mailto:info@fauna-stamps.com) / Telefon: + (420) 773 133 955

## SECRETARY-TREASURER'S CORNER

### ELECTION

Unit members returned 19 ballots for the special election for Director. All ballots were for John Pereira. There were no write-ins. Therefore, in accordance with Article 4 of the Unit Constitution, Mr. Pereira is elected to the position of Unit Director effective immediately.

### NEW MEMBERS

The Biology Unit has one reinstatement and welcomes the following new members:

1600	William Mahaffey, Upper Sandusky, OH (reinstated)	insects (7).
1861	Caroline Brandt, Portland, OR	flowers (2), botanical gardens, landscapes, world heritage sites
1862*	Patricia J. Hoppe, Ontario, CA	birds (5)

\*Joined in 2013, but through an administrative error was not assigned a proper number, nor listed as a New Member

### CORRECTIONS

There were several invalid addresses published in the last *Biophilately*. Please make the following corrections:

Leslie Adler, 1621 22nd Avenue NW, Calgary AB, T2M 1R4 Canada

Charles Vaughn, 23738 Old Meadow Road, Seaford, DE 19973

Dr. Edgardo Gomez, [edgomezph@yahoo.com](mailto:edgomezph@yahoo.com)

Roberta Walsh, [froglady2\\_1999@yahoo.com](mailto:froglady2_1999@yahoo.com)

---

## LITERATURE AWARDS

Your editor has just returned from Chicagopex 2014 where he entered the latest four editions of *Biophilately* and last year's index of the Unit journal, *The Mother of All Indexes*, in the philatelic literature competition. Chicagopex hosts one of only three philatelic literature exhibitions held in the United States.

We are pleased to announce that in this literature exhibition, *Biophilately* was awarded a Vermeil medal and the Index, which also included a history of the Biology Unit from its beginning 63 years ago, received a Silver medal. The vermeil award is the highest level that the journal has ever received in any literature competition in its existence.

This recognition is gratifying because it shows the efforts that your editors are making to improve the quality of the journal are paying off. We will continue these efforts to provide our readers with the news and information they need to enhance their knowledge in both the philatelic and biological areas.

With this goal in mind, we solicit your suggestions and especially your letters and articles to include in future editions.



## LETTERS

An email regarding the format of *Biophilately*.

“First and foremost, great job on *Biophilately*. I especially liked having the reading content all together in the last issue. Don’t concern yourself with the medal awards of the judges. The readers, at least this one calls our journal A-1—better than gold!—thanks to you and your editors. Please don’t let the judges influence you to make it a lesser publication for us.

“About the exhibit scans for the web-site—the Quail scans, I don't think I want to do that now for several reasons. Currently I am out of the exhibit mode stamp-wise. I've been focusing on shaping up my material. I probably spend more time on my “stuff” than most collectors because I keep an inventory of my goodies as well and creating album pages and presently I've gotten quite bogged down. Since I do this for fun, I want to keep it that way.” —Barbara Herbert

*All of us involved with the production of the journal appreciate your kind remarks. Regarding time spent with your collection, I would like to encourage all readers as you are sorting or otherwise organizing your collections or exhibits to think about how you could incorporate an item of interest into a short article for the journal. It only needs to be a couple paragraphs perhaps about its design or the way in which the element is depicted. Send it to me and you can see your by-line in print. —Ed.*

## CLOSED ALBUM

### IN MEMORIAM: HAROLD C. BOEHNING (BU1846)

We have been notified by his daughter, Helen Boehning, that Dr. Harold C. Boehning suddenly passed away on 20 August 2014. Dr. Boehning had joined the Unit in 2013.

Harold was born on January 5, 1930, to Grace Emma Clark Boehning and Dr. Harold Henry Boehning, in Kaesong, Korea, where his father served on the Methodist Mission Board as superintendent of Ivy Hospital. At age 11, the family returned to Abilene, Texas. He earned a bachelor’s degree from McMurry College in 1949. While pursuing his medical degree at UT Southwestern Medical School in Dallas, he married Nancy Helen Green and together they raised five children. After graduating from medical school in 1953, he served internships at the Army-Navy Hospital in Hot Springs and William Beaumont Army Hospital in El Paso. As a captain in the Army Medical Corps, he spent two years at Fort Bliss before completing his residency at Charity Hospital in New Orleans and moving to Dallas to establish his private practice in anesthesiology.

He was a founding partner of Dallas Anesthesiology Associates in 1961, remaining a director of the practice for more than 30 years. He was a charter member and past president of the Dallas County Anesthesiology Society, receiving its Distinguished Service Award in 1994. Having served as President of the Dallas County Medical Society in 1984, he received the Max Cole Award in 1995. He also served on the delegation and board of directors of the American Society of Anesthesiologists.

He and Nancy served a term as presidents of the Dallas Opera Guild. Harold was an avid stamp collector, bridge enthusiast, and college football fan. Harold was preceded in death by his wife, Nancy, his parents, sister Dorothy Clawson, and three of his children, Gregory Lewis Boehning, Katherine Ann Boehning Jackson, and Robert Eric Boehning. He is survived by daughters Helen Boehning and Susan Pierce.

## NEWS OF NOTE

## FREE HOLIDAY CHECKLIST FROM ATA

The American Topical Association wants to put you in the mood for the holidays with a gift of a free checklist. This year's topic is Turkeys on stamps, and the list of 65 stamps is free to ATA members and nonmembers alike, through December 20. (The original cutoff was November 30, but we managed to ask for and receive an extension.)

The newly developed list was the project of checklist dATABase developer Karen Cartier, board member Jean Stout, and May Day Taylor, a member of the Smithsonian National Postal Museum's Council of Philatelists. A free download is available at [www.americantopicalassn.org](http://www.americantopicalassn.org). A printed copy of the Turkey checklist will be mailed if a stamped envelope is sent to ATA, P.O. Box 8, Carterville, IL 62918-0008.

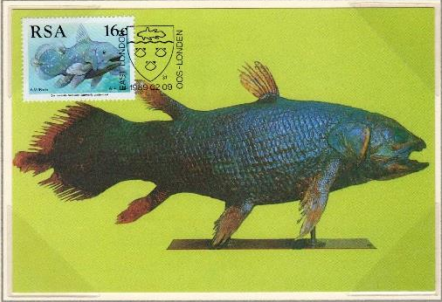
As with all ATA checklists, the Turkey list includes country, issue date, Scott number, denomination, and a description of each item. Various breeds are featured on the stamps, and naturally the list includes the 2009 US stamp depicting a turkey-shaped balloon in a Thanksgiving parade. Wild turkeys from Scott-listed state migratory waterfowl stamps are also included.

In recent months, the ATA's dATABase has been greatly expanded. It contains more than 610,000 records and about 1200 lists are currently available. Customized checklists are available for whatever topic you can imagine. Members may order lists for a small fee. Membership information is on the organization's website.

## BIOLOGICAL THEMED EXHIBITS ON WEBSITE


Our webmaster has begun posting images of exhibits with biological themes for viewing on the Unit website (<http://www.biophilately.org/exhibits>). The first two exhibits are *The African Coelacanth*, by Sue Jones and *A Celebration of the Cockroach*, by Jean Stout. The pages are high quality scans.

**The African Coelacanth**  
*Latimeria chalumnae*



The first living coelacanth, mounted and still on display at the East London Museum, South Africa.

This exhibit tells the story of a strange blue fish - a big, homely, rare, endangered fish - known as the coelacanth (SEE-uh-kanth). Coelacanths disappeared from the fossil record about the same time as the dinosaurs. Scientists thought they were extinct. After reviewing the fossil record, the exhibit focuses on the extraordinary discoveries, from 1938 through 2003, of living coelacanths inhabiting the Indian Ocean off the coast of Africa.



Error: The coelacanth *Latimeria* is misidentified as *Lophius*, a type of angler fish. As a result, this stamp has not appeared on any known list of coelacanth stamps.

▲ = indicates notable items in the exhibit

Plan (# of pages)

1. Finding a Living Fossil (1)
  - 1a. The Fossil Record (2)
  - 1b. The First Living Coelacanth (5)
  - 1c. The Second Living Coelacanth (7)
2. Converging on the Comores (1)
  - 2a. The 35-Year Search (7)
  - 2b. Success with Submersibles (3)
3. Expanding our Knowledge (5)

*The African Coelacanth* Title Page  
By Sue Jones

Our hope is that we can include more exhibits and that these will inspire and encourage other members to prepare and show exhibits of their own. If you already have an exhibit that uses a biology theme (I'm looking at you Dawn), contact our webmaster, Chris Dahle, to coordinate getting it posted to the website.

While I am on the subject of exhibits, the Biology Unit will be the featured study unit at the National Topical Stamp Show next year in Portland, Oregon. Members of the Governing Board are preparing a single-frame exhibit about collecting the Biology topic to display at this exhibition. Look for images of it to be posted on the Unit website in the near future.

## ALSO ON THE WEBSITE

The webmaster has made some changes on the website recently. He added our new logo to each page. There is now the option to submit, or renew a membership application on-line through PayPal. The archive page has been restructured so you do not have to scroll down so far to get to more recent pages.

### ATA SEEKING ASSISTANCE

The American Topical Association (our parent organization for those who may be unaware) is seeking some persons to help with their myriad projects. In case you did not know, the headquarters office of the ATA is staffed with **one** full-time person—Vera Felts, the Executive Director. Vera has two part-time assistants, but they are kept busy preparing for the support of upcoming shows and other routine office duties. I am sure that we have in our Unit someone who is qualified and able to help with the following activities.

**Chapter Coordinator:** Communicate with and support ATA chapters, receive chapter newsletters and summarize relevant information for inclusion in *Topical Time*. Job description available.

**Web Researcher:** Someone to search web for email addresses of 20–30 international philatelic publications.

**Checklist Proofreaders:** Compare old and new checklists and identify any entries not included in new lists. Scott catalogue is **not** needed

Please contact ATA President Jack Denys if you can serve in any of these ways: [jdenys@verizon.net](mailto:jdenys@verizon.net).

### WORLD STAMP SHOW – NY 2016

The ATA will be an Attending Society at the World Stamp Show to be held at the Jacob Javits Convention Center in New York City between 28 May and 4 June 2016. The Biology Unit will be represented at this show also.



These international shows take place in the United States once every ten years. They are by far the largest, most prestigious exhibitions that occur in this country. This show expects to host more than 200,000 visitors. More than 200 dealers specializing in all sorts of materials including stamps, covers, collections, postcards, ephemera, cinderellas, and supplies will be there buying and selling.

More than 50 postal bureaus including the US Postal Service and the UN Postal Administration will have booths and many will release new issues during the event.

Some of the world's greatest stamp rarities will be on display along with 4,000 frames of competitive exhibits of the highest quality and variety, many never seen in this country.

In addition to meetings of philatelic societies and organizations, there will be educational seminars and other activities open to the public. There will be many family friendly events and activities including a youth and beginner area.

Admission is free on all eight days of the show. Make plans to attend and stop by the ATA and Biology Unit booths.

### ATA WEBSITE

Electronic Topical Time (ETT). All ATA members can access the electronic version of our journal from the home page of the ATA website, [www.americantopicalassn.org](http://www.americantopicalassn.org), or directly at <http://americantopicalassn.org/ETT/ETT-2014/ETT-387/index.html> (FlippingBook version) or <http://americantopicalassn.org/ETT/ETT-2014-387.pdf> (PDF version).

The Youth page includes copies of *Topical Tidbits*, a periodical oriented toward youth collecting with fun fact, games, puzzles, and activities. Print out selected pages and give them to your favorite “grand” or other child. The latest issue deals with “Magic in Literature” and includes Harry Potter, Peter Pan, Aladdin, and many other characters. There are also printable album pages for dozens of topics.



## SEAPEX 2014

Jack R. Congrove BU1424

[Ed. Note: Full disclosure. The author is the President of the Board of Directors of the Seattle Philatelic Exhibition.]

The Seattle Philatelic Exhibition (SEAPEX) held its annual show on 12–14 September at the Community Center in Tukwila, Washington, a suburb of Seattle. The exhibition included 132 frames of competitive exhibits, a bourse with 21 dealers, a first day of sale ceremony, and a variety of presentations and chapter meetings.

A highlight of the exhibition was the first day of sale ceremony for the Fort McHenry “Forever” commemorative stamp held on Saturday, 13 September—the 200th anniversary of the Battle of Baltimore and the birth of *The Star Spangled Banner*. This event included several speakers who gave interesting presentations on the historical aspects of the event that the stamp commemorates.



Fort McHenry First Day of Sale Ceremony

L to R: Conner Wrynn (Scout flag detail), Jack R. Congrove, SGT Vincent E. Morales, Bailey Martinet, Thomas D. Morgan, John S. Morgan, Cameron Kwartin (Scout flag detail)

Miss Bailey Martinet sang *The Star Spangled Banner* after the posting of the colors by the flag detail from Cub Scout Pack 460 from Auburn, Washington. Jack Congrove spoke about the history of the American flag. SGT Vincent E. Morales of the I Corps Command Honor Guard, wearing a reproduction 1814 uniform on loan from the Fort Lewis Museum, gave a description of the US Army uniforms of the period. LTC (Ret) Thomas D. Morgan of the Military History Society presented an overview of the battle and the Bombardment of Fort McHenry. John S. Morgan, Manager, Operations of the Seattle Post Office representing the US Postal Service, spoke about the stamp design and production and unveiled the new design assisted by SGT Morales.

As an interesting aside, all four speakers are US Army combat veterans, which seemed especially appropriate since the stamp commemorates and depicts US Army soldiers in combat.

On Friday, Vera Felts, the American Topical Association Executive Director, conducted a forum on recent and forthcoming developments within the ATA including the digital *Topical Time* archive and the topical stamp dATABASE.



Fort McHenry “Forever” Stamp  
SGT Vincent E. Morales and John S. Morgan

The exhibition offered a variety of interesting philatelic exhibits. Louis Fiset won the Grand Award for *Censored, Rerouted, Suspended, Resumed: U.S. International Mail in World War II*, which also won the Postal History Society Award. George Struble won the Reserve Grand for *Development of Swiss Airmail Up to 1939*.

The Single Frame Grand went to Ruth Caswell for *U.S. Advertising Covers for Book Publishers and Sellers, 1855–1910*. Geneva Varga (age 12) won the Youth Championship Award for *Lunar New Year*.

A Gold ribbon and the ATA Best in Topicals First Award went to Anthony S. Wawrukiewicz for *The Sun, Myth, Science, Effects, Culture*.

Among the exhibits with a biological theme, Anne Harris received a Vermeil ribbon and the ATA Single Frame Merit Award for her display exhibit *A Day in the Life of a Frog*. Jean C. Stout won a Silver ribbon and the Women Exhibitors Sterling Achievement Award for a display exhibit titled *A Celebration of the Cockroach*. Beatrice Vogel received a Silver-Bronze ribbon for her *Spiders* display exhibit.

SEAPEX has been working toward obtaining certification from the American Philatelic Society (APS) to become a World Series of Philately (WSP) national exhibition. Approval requires successful completion of a four-year probationary period. This was the final year of that period and the SEAPEX will be submitting its application for WSP approval later this year.



ATA Forum: L to R: Myron Molnau, Frans Geerlings, Bill Slaninko, Jack Congrove, Carol Edholm, and Vera Felts



ATA Member Frans Geerlings  
With his "Stamp" Spangled Banner door prize



SEAPEX 2015 will be held at the same venue on 11–13 September 2015. The exhibition will be celebrating the 75th anniversary of the opening (and collapse) of "Galloping Gertie," the Tacoma Narrows Bridge. The collapse of this bridge was an embarrassment to the engineering community and led to industry-wide design changes still studied in engineering schools today.

I invite all readers to attend SEAPEX 2015, which we hope will be our first national-level WSP exhibition. Please visit our website at <http://seapexshow.org>, or check out our Facebook page at *Seapex: Seattle Philatelic Exhibition*, for more details.



## “GOLD STAR” BIOLOGICALS OF WORLD WAR II

**Elmer J. Binker, Jr. BU255**

[*Ed. Note: This item is part of our historical series of updated reprints of articles published in past editions of the Biology Unit journal. It appeared in the February-March 1961 edition (Volume 10, Number 4) of Bio-Philately. Mr. Binker was Associate Editor for Non-Scott (collateral) Material. I have edited it slightly for grammar, to update species to current designations, and to identify these vessels as “boats” and not “ships.” I have also added some expanded commentary about many of the entries. The term “Gold Star” and the associated banner arose during WWI to designate families who had lost a member killed in action. It was widely used during WWII and has lately been reinstated for use during recent conflicts in Iraq and Afghanistan for the same purpose. You may note from my added comments that the life expectancy of a U.S. submariner was not long. By one estimate it was only four patrols (about one year).]*

As many of you may or may not know, until fairly recently all U.S. submarines, if they were named at all, were named after some aquatic animal. Also, up until 1 July 1945, they all had their own post offices. Consequently, covers from these vessels bearing postmarks, cachets, corner cards, etc., should be of particular interest to collectors of this type of material.

An especially choice group of such items are those undersea craft lost during World War II. It is not a large group, numbering only 52 vessels. Actually, the sources of collectable materials are further reduced to 45 because, as far as I have been able to determine, seven of these were only identified by a number. As a security measure during the war, the postmarks used did not identify the boat by name. Therefore, it is only possible in some instances to identify covers originating on a certain submarine by a corner card or cachet. This is especially true of the boats launched after the war began.

In this alphabetical listing of the 45 named vessels, I have included besides the name, the [hull] number of the craft, the date it was lost (if known), and some of the circumstances surrounding its destruction or disappearance; also, a few remarks about the “critter” (or “critters”) after which it was named. It is interesting to note that, even though aquatic life was the inspiration for these names, just about every division of the animal kingdom is represented. In one case, the name should even be of interest to botanists. In two instances, I was unable to trace the name definitely to any zoological source, but I am hopeful that some of our members will be able to supply the missing data.

**Albacore** (SS-218): Struck a mine and sank off northern Hokkaido on 7 November 1944. Named for a large oceanic fish (*Thunnus alalunga*) of the family Thunnidae, having long pectoral fins. Also the tunny, called the Great Albacore, and any of several related smaller fish, such as the bonitos.

[*Ed. Note: She also holds the distinction of sinking the most warship tonnage (two destroyers, a light cruiser, and the aircraft carrier Taihō) of any U.S. submarine, winning four Presidential Unit Citations and nine battle stars for her service. Taxonomists have grouped the Thunnidae family, along with others, into the family Scombridae.*]



*Thunnus alalunga*  
Turks & Caicos Sc#125

**Amberjack** (SS-219): Sunk by a torpedo boat and sub chaser on 16 February 1943, off Rabaul. Refers to either of two fishes: *Seriola dumerili* of the Mediterranean, tropical Atlantic, or West Indies; and *Seriola lalandi* of the Atlantic coast of America from New Jersey to Brazil.

[*Ed. Note: This boat only served for eight months. Covers are probably uncommon. She won three battle stars for her service. There are currently nine recognized species in the genus Seriola. The author was incorrect regarding the species Seriola lalandi. This species is native to the Pacific and Indian Oceans.*]



*Seriola dumerili*  
Barbuda Sc#174

**Argonaut** (SM-1): Shelled [and sunk] on 10 January 1943 after being forced to surface by depth charges off New Guinea. An eight-armed cephalopod of the genus *Argonauta*, especially the Paper Nautilus (*Argonauta argo*), a relative of the octopus. More closely related to the chambered nautilus.

[*Ed. Note: Argonaut was one of the oldest submarines in service having been launched in 1927. She was the first and only sub designed primarily as a minelayer ever built by the U.S. and at the time of construction, was the largest ever built by the U.S. The resulting loss of 102 officers and men is the worst loss of life for an American submarine in wartime.*]



*Argonauta argo*  
Yugoslavia Sc#453



*Barbus barbus*  
Belarus Sc#453

**Barbel** (SS-316): Bombed by planes on 4 February 1945 southwest of Palawan. Specifically a large European freshwater fish (*Barbus fluviatilis*) having four beardlike appendages on the upper jaw, but used to refer to any of the other species of *Barbus*.

[*Ed. Note: Barbel received three battle stars for her service. Barbus barbus known as the Common Barbel is possibly a more likely model for the name. The name derives from the “barb” appendages on its jaw. Its eggs are poisonous.*]

**Bonefish** (SS-223): Sunk by depth charges on 18 June 1945 in the Sea of Japan. Another name for the ladyfish (*Albula vulpes*) of the order Isopondyli. It reaches a length of three feet and occurs in all warm seas.

[*Ed. Note: Bonefish sank at least 13 ships during her eight patrols and received five Navy Unit Commendations and seven battle stars for her service.*]



*Albula vulpes*  
Bermuda Sc#292



*Ameiurus natalis*  
US Sc#2209

**Bullhead** (SS-332): Lost between 6 August and 15 August 1945 in the Lombok Strait. This was the last submarine lost during the war. This name is used for any of several catfish of the genus *Ameiurus*; the Miller's-Thumbs of the genus *Cottus*, family Cottidae; the Sculpin (see below), the Freshwater Goby of New Zealand (*Eleotris gobioides*); and a marine fish (*Larimus fasciatus*) of the family Sciaenidae. Ornithologically, it is used for the Black-bellied and Golden Plovers [of the] family Charadriidae, and the Goldeneye Duck (*Bucephala clangula*). Local U.S. usage even gives this name to the tadpole.

[*Ed. Note: Bullhead was in service for only eight months, so covers from her are likely scarce. She was sunk on only her third patrol. Eleotris gobioides is a junior synonym of Gobiomorphus gobioides, the Giant Bully.*]

**Capelin** (SS-289): Failed to return from patrol and presumed lost somewhere in the Java Sea on 9 December 1943. A small marine fish (*Mallotus villosus*) of the smelt family, Argentinidae.

[*Ed. Note: Capelin was in commission for only six months, so covers from her are likely very scarce. She was lost on only her second patrol. The 9 December date for her loss is uncertain. Japanese records report an attack on a sub that was in Capelin's area on 23 November. The exact cause of her loss remains unknown. M. villosus is currently considered to belong to the family Osmeridae.*]



*Mallotus villosus*  
Greenland Sc#139



*Coregonus artedii*  
Michigan Fishing  
License Stamp 1963

**Cisco** (SS-290): Sunk by depth charges in the Sulu Sea on 28 September 1943. Any of the various whitefish of the genus *Leucichthys* found in the Great Lakes region.

[*Ed. Note: Cisco was in commission for only four months, so covers from her are likely rare. She was lost on her first patrol. Leucichthys is a junior synonym of Coregonus. All Coregonus species are protected under the provisions of the Bern Convention.*]

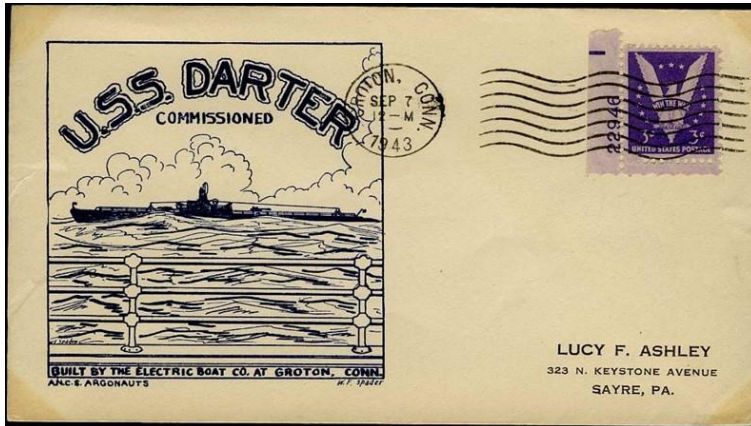


**Corvina** (SS-226): Torpedoed on 16 November 1943 off Truk. Any of several marine fish, especially *Eriscion parvipinnis* and *E. reticulatus* related to the Weakfish and Croaker.

[*Ed. Note: Corvina was in commission for only three months, so covers from her are likely rare. She was lost on her first patrol. She was the only American submarine to be sunk by a Japanese submarine (I-176) during the war. The genus Eriscion is a junior synonym of Cynoscion.*]



*Cynoscion phoxocephalus*  
Costa Rica Sc#C744



USS Darter Commissioning Cover  
Groton, Connecticut, 7 Sep 1943

**Darter** (SS-227): Ran aground on Bombay Shoal, Palawan, and was later destroyed by gunfire. Any of the numerous small American freshwater fish (about 100 species) belonging to the subfamily Etheostominae of the Percidae (of the family Etheostomidae). Also a synonym for the Snakebird, a name for any fish-eating bird of the genus *Anhinga* (= *Plotus*) of the order Pelecaniformes.

[*Ed. Note: Darter ran aground while tracking a damaged Japanese cruiser during the Battle of Leyte Gulf. She and Dace (SS-247) made contact with and engaged the Japanese Center Force for*

*which both subs were awarded the Navy Unit Commendation. The genus Anhinga is currently considered to belong to the family Anhingidae under the order Suliformes.*]

**Dorado** (SS-248): Presumed torpedoed off the east coast of the United States on 6 October 1943. A dolphin (fish) of the genus *Coryphaena*, family Coryphaenidae.

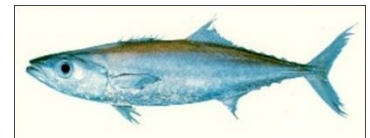
[*Ed. Note: Named for the Dolphinfish, or Mahi-mahi (C. hippurus). Dorado was sunk on her maiden voyage and was only in commission for about six weeks. It is likely that there are very few, if any, covers from her. There was circumstantial evidence to believe that Dorado was lost due to friendly fire from an anti-submarine warfare (ASW) plane from Patrol Squadron 210. However, examination of the records leads to doubt about this. It appears more likely that she struck a mine.*]



*Coryphaena hippurus*  
Barbados Sc#280B

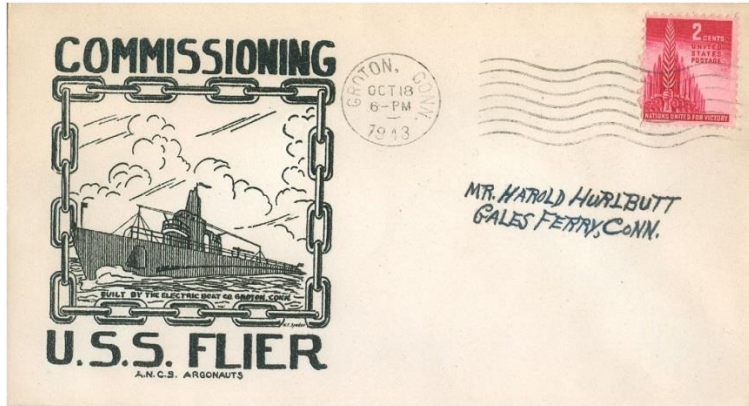
**Escolar** (SS-294): Presumed lost on 15 November 1944 after failing to return from patrol in the Yellow Sea. A large, rough-scaled mackerel-like fish (*Ruvettus pretiosus*) highly prized as food.

[*Ed. Note: Escolar was in commission for only four months, so covers from her are likely rare. She was lost on her first patrol. Japanese records show no attacks that would account for her loss. The Yellow Sea area was mined and the most likely explanation is that she detonated one of these. Escolar was more likely named for Lepidocybium flavobrunneum, a relative of R. pretiosus. R. pretiosus is known as the Oilfish.*]



*Lepidocybium flavobrunneum*





USS *Flier* Commissioning Cover  
Groton, Connecticut, 18 Oct 1943

**Flier** (SS-250): Struck a mine off Palawan on 13 August 1944. A small sunfish (*Centrarchus macropterus*) found in clear fresh water near coast south of Virginia. Also an Australian name for a full-grown, swift kangaroo.

[Ed. Note: *Flier* was not a lucky boat. On her first patrol, she ran aground near Midway. A rescue ship attempting to pull her free also ran aground and sank. On her second patrol, she struck a mine and sank in about one minute. Thirteen officers and men managed to escape and eight of them reached the safety of an island after many hours in the water. Her wreck was discovered in 100 meters of water in 2009.]

**Golet** (SS-361): Sunk by destroyer off the northeast coast of Honsho on 14 June 1944. Here I am looking for help. I have been unable to track down any biological entity with this common name. So, fellow member—give.

[Ed. Note: Research before the age of the Internet was laborious and time-consuming. You had to know at least a little bit about where to even start your search. If I had to perform the research I do for each issue of the journal the way it formerly was done, it would take me the entire amount of time between issues. Instead, I just open up Google and start from there. *Golet* was in commission for only seven months, so covers from her are probably uncommon. The *golet* is a trout of the *Salvelinus* genus related to the Dolly Varden trout.]



*Salvelinus alpinus*  
Iceland Sc#972

**Grampus** (SS-207): Believed sunk in Blackett Strait, Solomons by two destroyers on 5 March 1943. A 15-foot cetacean (*Grampus griseus*) widely distributed in seas of the northern hemisphere. Also the Killer Whale (*Orcinus orca*). Often applied to other cetaceans of like size such as the Blackfish, genus *Globicephala*.

[Ed. Note: *Grampus* was in commission for more than two years, so covers from her might be easy to find.]



*Grampus griseus*  
Niue Sc#654



*Coregonus canadensis*  
Canada Sc#853

**Grayback** (SS-208): Bombed by planes in the China Sea on 26 February 1944. Any of a number of different animals including the Gray Whale (*Rhachianectes glaucus*), the Red-breasted Sandpiper or Knot (*Calidris canutus*), the Dowitcher (*Limnodromus griseus*), a scaup duck (genus *Nyroca* and subgenus *Marila*), the Gray Squirrel, the Hooded Crow (*Corvus cornix*), the Body Louse (*Pediculus vestimenti*), the Lake Herring (*Leucichthys artedi*), the Menominee Whitefish (*Prosopium quadrilateral*), and the Alewife (*Pomolobus pseudoharengus*).

[Ed. Note: *Grayback* was in commission for almost three years and conducted ten patrols, so covers from her might be easy to find. She received eight battle stars and two Navy Unit Commendations for her service. Commander John Anderson Moore was awarded three Navy Crosses for his actions as her commander. According to the U.S. Navy, *Grayback* was named for the Lake Herring. See the comment about *Leucichthys* under the entry on Cisco. *Pomolobus* is a subgenus of *Alosa*.]

**Grayling** (SS-209): Presumed lost in Lingayan Gulf on 30 September 1943. Any of several fishes of the genus *Thymallus*, allied to the trouts: In Australia, *Prototroctes muraena*, and in New Zealand, *P. oxyrhynchus*. For the entomologists, any of the various gray and brown butterflies of the subfamily Satyrinae, especially *Hipparchia semele* of Europe and *Cercyonis alope* of America.

[Ed. Note: Admiral Chester Nimitz chose Grayling for the honor of his change of command ceremony when he took command of the Pacific Fleet. She never returned from her eighth patrol. There are no recorded Japanese attacks that can account for her loss, which occurred sometime between 9 and 12 September 1943. Her loss may have been due to operational problems. According to the U.S. Navy, Grayling was named for the *Thymallus* species, and not a group of butterflies.]



*Thymallus arcticus*  
US Sc#3802i



*Macrourus carinatus*  
French Antarctic Sc#402

**Grenadier** (SS-210): Bombed and scuttled off Penang on 22 April 1943. Any of a family (Macrouridae) of soft-finned, mostly deep sea fishes having a tapering body. Also the bright colored South American [sic] Grosbeak (*Pyromelana orix*) of the family Fringillidae.

[Ed. Note: Grenadier was in service for almost two years, so covers from her might be easy to find. The crew was captured and spent two years of brutal and sadistic treatment in Japanese prison camps. All but four of the 76 officers and men survived. According to the U.S. Navy, she was named for the deep sea fishes. The comment regarding *P. orix* apparently was taken from a Webster Dictionary entry

dating from 1913. It is misquoted. The definition actually calls it the South **African** Grosbeak. This erroneous definition has been perpetuated in many subsequent dictionaries, apparently merely copied without any checking. All grosbeaks fall into other genera. The current designation of this species is *Euplectes orix*, the Southern Red Bishop, family Ploceidae.]

**Growler** (SS-211): Bombed and sunk in the Marianas on 18 April 1944. A small European freshwater fish (*Gobio gobio*) allied with the carps. Has also applied to certain gobies (family Gobiidae) and, in America, various killifish (genus *Fundulus* and allied genera).

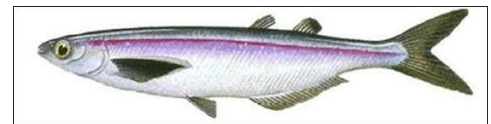
[Ed. Note: The original description by the author, including the details and date of her sinking and the relationship of the namesake species are incorrect and pertain to the Gudgeon. Growler was in commission for two and a half years and performed 11 patrols, so covers from her might be easy to find. Growler was probably sunk by Japanese destroyer Shigure, escort vessel Chiburi, and CD-19 off Mindoro on 8 November 1944. The captain of Growler, Commander Howard W. Gilmore, received the Medal of Honor for sacrificing his life to save the boat on her fourth patrol. According to the U.S. Navy, Growler was named for the Largemouth Bass (*Micropterus salmoides*).]



*Micropterus salmoides*  
US Sc#2207

[Ed. Note: I have added the following two subs that the author (or editor) omitted from the original article.]

**Grunion** (SS-216): Sunk by gunfire from torpedoed Japanese transport *Kashima Maru* ten miles north of Segula, near Kiska Island, Aleutians on 31 July 1942. *Grunion* was only in service for three months, so covers from her are probably difficult to find. Her fate remained a mystery until the discovery of her wreck in 2007. Named for one of two fish species of the genus *Leuresthes*: the California Grunion (*L. tenuis*) and the Gulf Grunion (*L. sardinas*), found only off the coast of California, and Baja California, Mexico.



*Leuresthes tenuis*



**Gudgeon** (SS-211): Probably sunk by Japanese naval aircraft southwest of Iwo Jima on 18 April 1944. *Gudgeon* was in commission for three years and participated in 12 patrols, so covers from her should be easy to find. She was the first U.S. Navy submarine to sink an enemy warship (*I-73*) during WWII. She earned 11 battle stars and a Presidential Unit Citation for her service. Named for any of a number of small freshwater fish of the families Cyprinidae, Eleotridae, or Ptereleotridae. Most commonly the name refers to *Gobio gobio* found in lakes and rivers throughout Europe.



*Liza* sp.  
Bahrain Sc#313e

**Harder** (SS-257): Sunk by depth charges off western Luzon on 24 August 1944. The best I have been able to come up with is a South American name for a mullet. Can someone do better, I hope? For instance, which one?

[Ed. Note: *Harder* was in service for 20 months and performed six patrols. She was legendary for her success in sinking Japanese warships (including six destroyers). Her captain, Commander Samuel D. Dealey, was posthumously awarded the Medal of Honor. With regard to the namesake species, the author was off by a continent. The *Harder* or South African Mullet (*Liza richardsonii*) is found in South African

coastal waters. It is processed by salting and air drying and is a local delicacy. In Germany, the name *Harder Mullet* refers to the Flathead Mullet (*Mugil cephalus*).]

**Herring** (SS-233): Sunk by Japanese shore batteries off the Kurile Islands on 1 June 1944. Specifically refers to *Clupea harengus*, family Clupeidae, but is used as a general name for the whole family.

[Ed. Note: *Herring* earned five battle stars and sank seven ships during her eight patrols.]



*Chaetodon capistratus*  
Cuba Sc#2813

**Kete** (SS-369): Never heard from again after 19 March 1945. The *Keta* is the Dog Salmon (*Oncorhynchus keta*), but I have been unable to locate anything specifically for *Kete*. Are they the same?

[Ed. Note: A *Kete* is also known as the Four-eyed Butterflyfish (*Chaetodon capistratus*) found in the Western Atlantic from Massachusetts to northern South America. The circumstances surrounding the loss of this boat remain a mystery. *Kete* was in service for eight months and participated in only two patrols.]

**Lagarto** (SS-371): Claimed to have been destroyed by a Japanese minelayer off Malaya near the Gulf of Siam on 3 May 1945. Either of two slender marine lizard fish (*Trachinocephalus myopa* and *Synodus foetens*), family Synodontidae, of the U.S. Atlantic coast. Also the Spanish name for the alligator.

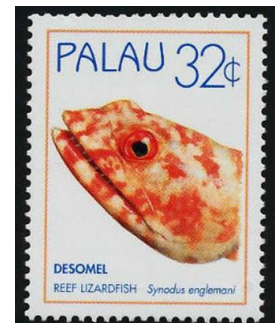
[Ed. Note: In 2005, a group of private deep-sea divers discovered the wreck of the *Lagarto* in 70 meters of water in the Gulf of Thailand. It is mostly intact and sitting upright on the sea floor. A large rupture in the port bow area suggests that a depth charge was the cause of her sinking.]



*Gobio gobio*  
Sweden Sc#1870



*Clupea harengus*  
Great Britain (2014)



*Synodus englemani*  
Palau Sc#358

**Perch** (SS-176): After [experiencing] three days of depth charging, [she] was finally abandoned and scuttled on 2 March 1942. Specifically refers to *Perca fluviatilis* of Europe and *Perca flavescens* of eastern and central US, but in use in a general way for the numerous species of Percidae, Centrarchidae, Serranidae, and allied families.

[Ed. Note: Perch was one of the older submarines in service during WWII having been commissioned in 1936. She was lost early in the war, so wartime covers are likely very scarce. Her entire crew of 59 officers and men were captured and spent the rest of the war in Japanese POW camps. Her wreck was located by divers on 23 November 2006.]



*Perca fluviatilis*  
Finland Sc#B129



USS *Pickerel* Cruise Cover  
Pensacola, Florida, 21 April 1937

**Pickerel** (SS-177): Never heard from again after 22 March 1943, and presumed lost somewhere off Honsho. Any of several smaller species of the pike family Esocidae, especially *Esox niger*. Also the Walleyed Pike (*Stizostedion vitreum*).

[Ed. Note: *Pickerel* was an older sub in service for several years before the war. Covers from her should be easy to find. She was the first U.S. submarine to be lost in the Central Pacific area. Post-war analysis of Japanese ASW operations are not definitive, but indicate that depth charge attacks sometime after 7 April 1943 probably claimed her. The Walleye has been reclassified as *Sander vitreus*.]

**Pompano** (SS-181): Never heard from again after 20 August 1943, and presumed lost somewhere off Honsho. A marine carangoid fish (*Trachinotus carolinus*) of the south Atlantic and Gulf coasts of North America. Also the Poppyfish (*Palometa simillima*) of the California coast.

[Ed. Note: This was the second U.S. Navy ship named for the Pompano. She was also an older sub that had seen some years of pre-war service. Post-war evidence from Japan indicates that Pompano was possibly sunk on 17 September 1943 by a bomb and depth charge attack in the Shiriyasaki Sea. Fish of the Carangidae family are better known as "Jacks."]



*Trachinotus carolinus*  
St. Vincent Sc#474



*C. undecimalis*  
Florida Fish Stamp 1993

**Robalo** (SS-273): Lost on 26 July 1944 off Palawan, probably from hitting a mine. Any of several pike-like marine fishes constituting the family Centropomidae. The largest species (*Centropomus undecimalis*) is called the Snook (see below).

[Ed. Note: Robalo was in service for ten months and participated in three patrols. Details of her loss came from POW reports. Four of her crew survived and were captured including Captain Manning Kimmel, son of Admiral Husband Kimmel. After an airstrike on Palawan, the Japanese were so angered that they pushed Kimmel and other prisoners into a ditch, poured in gasoline, and burned them alive.]



**Runner** (SS-275): Listed as probably being lost somewhere along the Kurile Islands on 2 July 1943. One of several fish including the Rainbow Runner (*Elagatis bipinnulata*), the Blue Runner (*Caranx (=Paratractus) crysos*), and the Leather Jack (*Oligoplites saurus*) of the family Carangidae.

[Ed. Note: Runner was in commission for 11 months, so covers from her should be available. Details of her loss are a mystery.]



*Elagatis bipinnulata*  
Congo P.R. Sc#96



*Mycteroperca olfax*  
Costa Rica Sc#593b

**Scamp** (SS-277): Last heard from on 9 November 1944. Japanese records claim a sinking in Tokyo Bay, the Scamp's [patrol] area, on 11 November or 16 November 1944. The Scamp Grouper (*Mycteroperca falcata*), so called because of its ability to steal bait without being caught.

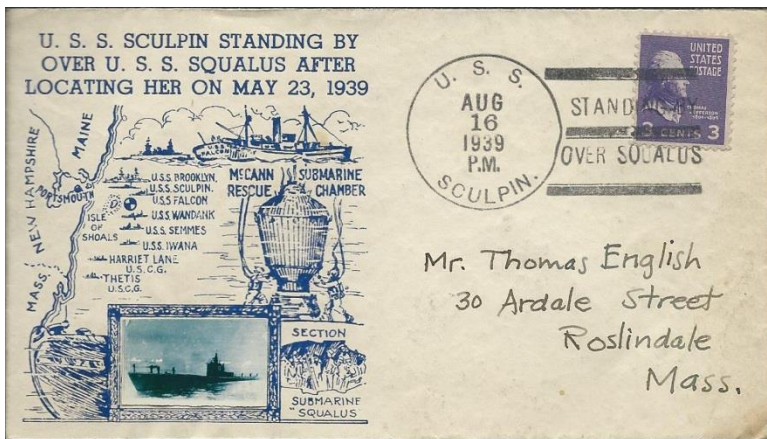
[Ed. Note: Scamp was in service for more than two years and participated in eight patrols, so covers from her might be easy to find. *M. falcata* is a junior synonym of *M. phenax*.]

**Scorpion** (SS-278): Last heard from in the Yellow Sea on 5 January 1944. Probably a short form for the scorpion fish, which refers to any fish of the family Scorpaenidae. Also any of numerous arachnids constituting the order Scorpionida. Used as a common name for various lizards, especially the Pine or Fence Lizard (*Anolis carolinensis*) and the Blue-tailed Skink (*Eumeces quinquelineatus*). A local name for the Common Toadfish (*Opsanus tau*).

[Ed. Note: Neither the lizard species cited by the author, nor the toadfish appear to have any current association with the term scorpion. Also, *E. quinquelineatus* is a junior synonym of *Plestiodon fasciatus*. According to U.S. Navy records, the boat was named for the arachnid, though it seems entirely more appropriate to me to have used the scorpion fish. They are also pretty nasty creatures. There are no definitive records pertaining to the fate of Scorpion. The prevailing assumption is that she struck a mine in the Yellow Sea.]



*Opisthophthalmus carinatus*  
Namibia Sc#1245



USS Sculpin Cover  
Salvage Operations for USS Squalus, 16 August 1939

**Sculpin** (SS-191): Forced to the surface north of Truk and scuttled on 19 November 1944. Any of the numerous spiny, large-headed, broad-mouthed, usually scaleless fishes of the family Cottidae. Also the Dragonet (*Callionymus draco*), a scorpion fish (*Scorpaena guttata*), and any species of the family Icelidae, allied to the true sculpins.

[Ed. Note: There seems to be no association of *S. guttata* with the name sculpin. Surviving crew members provided the account of Sculpin's last patrol upon their release from Japanese POW camp after V-J Day. The boat was heavily damaged by depth charges and the captain surfaced to give the crew a chance of survival. During the surface engagement, the

captain and a gun crew were killed. The senior surviving officer ordered the boat scuttled and informed a VIP passenger, Captain John P. Cromwell, who was privy to Ultra secrets and the plans for the upcoming invasion of Tarawa. Fearing he would reveal these secrets under torture, he refused to leave the submarine and gave his life to escape capture. He was posthumously awarded the Medal of Honor for this act. Sculpin sank a total of three ships and earned eight battle stars plus the Philippine Presidential Unit Citation for her service.]



**Sealion** (SS-195): Bombed twice at Cavite on 10 December 1941, this submarine had to be destroyed on Christmas Day. This was our first submarine loss of the war. Any of several large-eared seals native [to] the Pacific, of the family Otariidae.

[Ed. Note: Sealion was in service for two years prior to the war, but lasted less than a month after it started. Wartime covers from her must be exceedingly rare.]



Sea Lion  
Falkland Islands Sc#94



*Carcharhinus melanopterus*  
Pitcairn Islands Sc#368

**Shark**: Two subs with this name were lost during the war. SS-174 was last heard from on 7 February 1942 and presumed lost somewhere in Makassar Strait. SS-314 was depth-charged until sunk on 24 October 1944 southeast of Formosa. Any of numerous elasmobranch fishes, which conform more or less nearly to the ordinary fishes in shape, as distinguished from the greatly flattened rays and grotesquely shaped chimaeras.

[Ed. Note: Shark (SS-174) was a pre-war boat commissioned in 1936. She was lost early in the war, so wartime covers must be scarce. Post-war records indicate that

SS-174 was probably the victim of surface fire from a Japanese destroyer (Yamakaze). Shark (SS-314) was in commission for only eight months, so covers from her are probably uncommon. SS-314 had the misfortune to be responsible for sinking the Arisan Maru, a Japanese freighter carrying allied prisoners. The sub had no way of recognizing the Arisan was a prison ship. It was the greatest loss of American lives in a single military sinking.]

**Seawolf** (SS-197): Believed to have been depth-charged and sunk southeast of Leyte Gulf by one of our own ships, the Rowell, on 3 October 1944. The Wolf fish, any of several large marine blennies of the genus *Anarhichas*.

[Ed. Note: Seawolf failed to respond to a request for her position during a search for enemy subs in her vicinity. The Richard M. Rowell (DE-403), believing there was no friendly sub nearby chose to attack. Japanese records list no attack that could account for her loss. She was the second submarine (after Dorado) lost to friendly fire. Seawolf received 13 battle stars for WWII service. She ranked 14th in confirmed tonnage sunk (71,609 tons) and tied for 7th in confirmed ships sunk.]



*Anarhichas lupus*  
Iceland Sc#859



*Rachycentron canadum*  
Gren-Grenadines Sc#892

**Snook** (SS-279): [Presumed lost due to unknown causes in April 1945 somewhere in the South China Sea.] In addition to the Robalo (see above), [this name] refers to the Sergeant Fish (*Rachycentron canadum*), [Australian] Barracuda (*Sphyrna novaehollandiae*), and any of certain gars of the family Belontiidae.

[Ed. Note: There was a serious typo in the original article for this entry that mistakenly copied the reason for the loss of this sub from the following entry for Swordfish. It is believed that she was sunk by Japanese escort ships. Snook was credited with sinking 17 enemy vessels and earned seven battle stars. R. canadum is

a junior synonym of *R. canadum*, more commonly known as the Cobia.]

**Swordfish** (SS-193): Lost somewhere off Okinawa on 12 January 1945. A very large and widely distributed fish (*Xiphias gladius*), the only representative of the family Xiphiidae. Also a gar pike, the Cutlassfish, and the Killer Whale.

[Ed. Note: Swordfish was a pre-war ship with a long wartime service. She participated in 13 patrols and earned eight battle stars. Covers from her are probably easy to find. She was the first U.S. submarine to sink a Japanese ship of any type during WWII. Post-war investigation of her loss revealed no Japanese record of any attack that could account for it. It is most likely that she struck a mine in the vicinity of Okinawa.]



*Xiphias gladius*  
Gibraltar Sc#344



*Acanthurus lineatus*  
Indonesia Sc#810

**Tang** (SS-306): Torpedoed by her own circular run torpedo on 24 October 1944 in the Formosa Strait. Any surgeon fish of the genus *Acanthurus*.

[*Ed. Note: In her short career, Tang sank 33 ships totaling 116,454 tons placing her first for number of ships and tonnage. Commander Richard O’Kane received the Medal of Honor for her last two engagements. Tang sank in 180 feet of water. Several of the crew managed to reach the surface, and some survived to be captured by the Japanese. These were the only American submariners to escape a sunken submarine using a Momsen lung. Tang received four battle stars and two Presidential Unit Citations for her war service.*]

**Trigger** (SS-237): Depth-charged until sunk off Kyushu on 28 March 1945. Probably a short form for the Triggerfish, any of the genus *Balistes*, or allied genera of the family Balistidae.

[*Ed. Note: Trigger had a long wartime service of more than three years and participated in 12 patrols. Covers should be easy to find. Trigger received 11 battle stars and a Presidential Unit Citation for her service. She is credited with sinking 18 ships.*]



*Balistodes conspicillum*  
Ryukyu Islands Sc#154



*Charonia tritonis*  
Wallis-Futuna Sc#159

**Triton** (SS-201): Depth-charged until sunk off the Admiralty Islands on 15 March 1943. The type genus of the marine shells of the family Tritonidae. It is also a synonym for *Triturus*, a genus of chiefly aquatic salamanders comprising the typical newts.

[*Ed. Note: Triton was a pre-war boat with a 15-month wartime service. Covers from her should be easy to find. According to the U.S. Navy, she was named for the mythological Greek god, Triton. On 10 December 1941, three days after the declaration of war, she fired the first American torpedoes of WWII.*]

**Trout** (SS-202): Destroyed by depth charges on 29 February 1944 east of Okinawa. Any of certain highly esteemed food and game fishes of the genera *Salmo*, *Salvelinus*, and *Cristivomer*, belonging to the family Salmonidae.

[*Ed. Note: Trout was a pre-war boat with a lengthy wartime service. Covers from her should be easy to find. She participated in 11 patrols and was awarded 11 battle stars and three Presidential Unit Citations for her service. On her second patrol, she delivered ammunition to the American forces on Corregidor and brought out 20 tons of gold bars and silver pesos to Pearl Harbor.*]



*Oncorhynchus mykiss*  
New Zealand Sc#1441



*Argyrosomus hololepidotus*  
Namibia Sc#756

**Tullibee** (SS-284): Another sub struck by her own circular run torpedo north of Palau on 26 March 1944. Either of two whitefish (*Argyrosomus tullibee* or *Leucichthys tullibee*).

[*Ed. Note: Tullibee was in service for 13 months, so covers from her should be available. See the comment about Leucichthys under the entry on Cisco.*]

**Wahoo** (SS-238): Bombed by seaplane in La Pérouse Strait, Sea of Japan, on 12 October 1943. A dark-blue food fish (*Acanthocybium petus* or *A. solandri*),

family Scombridae, also known as the Peto. Also has several botanical connotations including a shrub (*Evonymus atropurpureus*), the Rock Elm, the Winged Elm, the Cascara Buckthorn, the Basswood or Linden, and the Umbrella tree or American Magnolia (*Magnolia tripetala*).

[*Ed. Note: Wahoo was in service for 17 months and participated in seven patrols. According to the U.S. Navy, Wahoo was named for the fish A. solandri. In 2005, her wreck was discovered in La Pérouse (Soya) Strait. Evonymus apparently is often confused with its synonym Euonymus.*]



*Acanthocybium solandri*  
Ascension Sc#130



## TRAVELING INTO THE WORLD OF BUTTERFLIES AND MOTHS: PART II

Vladimir Kachan, Belarus

[Ed. Note: This article is the second in a four-part series on the study and science of Lepidoptera by Vladimir Kachan from Belarus. The first installment appeared in Volume 63, Number 3. Readers can contact the author via email at: vladimirkachan@mail.ru, or post at: P.O. Box-36, BY-220089, Minsk-89, Republic of Belarus.]

### Introduction

#### Author's Preface

I began collecting philatelic materials with butterflies and moths 30 years ago. For my knowledge, I used a cross-referenced checklist, "Insects on Stamps," England 1978, and a topical catalogue of cancellations, *Butterflies and Moths*, Germany 1980. Ten years later I began to create my philatelic exhibit, "World of Butterflies and Moths." I knew only modern philatelic materials and tried to find old philatelic materials with butterflies and moths of the whole world.

My own research of the world philatelic materials was successful. I assisted a German philatelist, Rolf Merkert, with information about postal stationeries and cancellations, and he published a special world catalogue of butterflies and moths on postal stationeries in 1989. Also in 2002, he reworked and republished a world catalogue of butterflies and moths cancellations and meters. In 2007, the Chinese philatelist, Zou Ziyang, editor of the Chinese *Topical Butterfly* journal published a book that was a compilation of early butterfly-related philatelic items up to 1950. I assisted in this with information and philatelic materials from my collection.

I am always looking for, selecting and studying philatelic materials of the world with butterflies and moths, then I include my own research in my exhibit. My exhibit, *World of Butterflies and Moths*, received Large Vermeil awards at the World Philatelic Exhibition PORTUGAL-2010 and PHILANIPPON-2011.

More than 50 of my articles about butterflies and moths have been published in philatelic journals of Switzerland: *THEMA International*; Great Britain: *Themescene*; Germany: *Insektenkurier*; USA: *The Philatelic Aurelian*, *Biophilately*, *Topical Time*; Belgium: *Themaphila*; France: *La philatelie thematique*; and Italy: *Notiziario Tematico*.

I hope that my articles will stimulate interest in butterflies and moths on stamps, cancels, covers, and postal stationery. I am always glad to help philatelists create butterfly and insect exhibits. Best regards, Vladimir Kachan.

### 2. Life of Butterflies and Moths

#### DEVELOPMENT OF BUTTERFLY AND MOTH FROM OVUM TO INDIVIDUAL

Butterflies and moths belong to the group of insects with full transmutation. The female lays her ova as a rule only on the fodder crops of the caterpillar, or in some other place meeting the requirements of the species. The quantity of ova in one laying varies for different species—from several dozens to hundreds, and can amount to a thousand for some moths.

A caterpillar, or larva, that is not very mobile comes from an ovum. Most of its life takes place on the same fodder plant, and the main purpose of its life is feeding. Protective or warning coloring with hair protects it from enemies. A hatched caterpillar first of all eats a part of its ovum shell, and later it feeds on the fodder plant. Small caterpillars eat only the upper or lower layer of a leaf, leaving untouched a thin skin looking like a transparent eye. Some species give their preference to buds, and that is why they do great harm to plants.



*Battus polydamas*  
Nevis Sc#802, 1993



*Danaus plexippus* larva  
US Sc#3351j, 1999

After some time, which depends on temperature or season, growth of a caterpillar stops and shedding of its hair begins. It takes some species ten days, others weeks or months. During that time a caterpillar does not feed, fixes itself on a leaf, branch, rind, stone, or any other thing suitable and sheds its old dry skin. It is a critical period for a caterpillar, for being in its new, not hardened covering, it is easy prey.

The greatly elongated, cylindrical body of a caterpillar with a head, supplied only with poorly developed sense organs, does not allow one to suppose that one day it will become a winged individual of surprisingly beautiful coloring and shape. This metamorphosis takes place at the chrysalis stage. Inside the hard chitin capsule of the chrysalis, all the tissues of specific larval organs are destroyed, and the tissues and organs of an adult insect form from the accumulation of special cells.

The chrysalis does not have an active defense from unfavorable influences of the environment, illnesses, or predators. That is why a caterpillar must take enough effective measures for protection of the chrysalis from surrounding danger. Caterpillars instinctively choose the most inaccessible and hidden places to emplace the chrysalis. Very often in the search of such places they travel considerable distances. They may gnaw out chambers, spin cocoons, or wind leaves in the shape of tubes.

One may find the chrysalis of butterflies plainly fixed on different things, some of them hang head first, or girded with a thread with their heads upwards. After a certain period of reconstruction, which, depending on species, may continue from several days to several months or even years, a new butterfly emerges from the chrysalis. Just hatched, an adult individual looks quite different from the one seen flying from flower to flower.

Initially it has only soft short wings and cannot fly. During the first ten to twenty minutes, the wings reach their normal size remaining soft for some time. It takes them usually about two hours to harden. After that, the butterfly can bravely rise into the air.

#### DURATION OF THE LIVES OF BUTTERFLIES AND MOTHS

A mature butterfly has only one task in its life, which subordinates everything: it must bring posterity into the world, the next generation. After mating and the depositing of the fertilized ova, the adult males and females have played their roles in Nature, their lives have no further purpose, and they die. But before that happens, the butterfly can live long enough. One may see substantial differences in the duration of life.

Moths of families Cossidae, Lymantriidae, Psychidae, and Lasiocampidae do not have a developed proboscis and cannot take food. They live exclusively owing to adipose stock accumulated by the larva and die after several days. Many butterflies suck nectar and live several weeks or months. Some species even stay over the winter. These species include: *Nymphalis antiopa*, *Polygonia c-album*, *Gonepteryx rhamni*, *Vanessa atalanta*, *Nymphalis polychloros*, *Inachis io*, *Aglais urticae*, and others. During the winter, they hide in garrets or buildings, in basements, caves, or in hollows of tree trunks.



*Euphaedra neophron*  
chrysalis  
Cameroon Sc#608, 1975



*Vanessa atalanta*  
Auckland, New Zealand Telegram, 1961



## SPREADING OF BUTTERFLIES AND MOTHS



*Parnassius delphius*  
Kyrgyzstan Sc#116e, 1998

Butterflies and moths dwell almost everywhere. They flutter in mountains and deep canyons, in forests, meadows and fields, one can meet them even in deserts. It is completely possible to meet them on the tops of the highest mountains, covered with eternal snows and glaciers, but there are no butterflies in the Arctic or Antarctic. In the Himalayas, some such as *Parnassius delphius*, can be found at the height of 5,000 meters (16,400 feet) and even 6,000 meters (19,700 feet) above sea level.

Some butterflies display a curious phenomenon—roaming from place to place and migrations. Lepidoptera such as *Colias croceus*, *Urania leilus*, and some others migrate for hundreds of kilometers. Others like *Danaus plexippus*, *Vanessa cardui*, and *Vanessa atalanta* travel thousands of kilometers while migrating.

In 1492, when Columbus's ships were approaching Cuba, the sailors were astonished by an unknown natural phenomenon. They observed a huge swarm of butterflies persistently flying in one direction. The captain put down in his diary, "Such innumerable flocks of butterflies appeared, that the sky darkened."

It is a pity that he did not describe those insects in detail, but almost surely it may be said that Columbus met the passage of butterflies *Danaus plexippus*. They live in the USA and Canada and in autumn they fly to winter in the south—to Florida, Mexico, Cuba, and the Bahamas covering the distances of more than 3,600 kilometers (2,240 miles). The butterflies fly at the height of 120 meters (400 feet). Their speed, depending on the speed of wind, is from 15 to 50 kilometers per hour (9 to 31 mph).

With darkness their flight stops. For many years, people could not find the places of mass wintering. Only in 1986, one Mexican amateur student of local lore searched in the Sierra Madre Mountains not far from the Mexican capital. In an area of about 8 hectares (20 acres) he found about 50 million butterflies.



*Danaus plexippus*  
Mexico Sc#1562, 1988



*Danaus plexippus*  
Mexico Sc#1559, 1988

They sat densely packed on evergreen plants, making the crowns of the trees and bushes look orange. It happens that under the weight of the butterflies, branches with a thickness of seven centimeters (2.75 inches) can break.

It takes three generations for the butterflies to reach their far northern areas again and the fourth generation, which has never been to their wintering locations, makes the return trip. Their phenomenal genetic memory helps them to find the wintering place without a mistake.

The *Vanessa cardui* butterfly lives everywhere except South America. Entomologists found out that in autumn, great swarms of *Vanessa cardui* in Europe move to the south. Some of them die during the trip, but many reach the Sahara Desert to lay their ova and die there. Then the opposite process takes place. In spring, young, brightly colored *Vanessa cardui* travel to the north to do their duty, to lay ova and to die, too.

A mass "invasion" of *Vanessa cardui* to the British Islands was observed in 1848. In another case, a ship had an accident in the Mediterranean Sea because of *Vanessa cardui* flocks. The clouds of butterflies pasted themselves all over the wheelhouse and a helmsman lost his bearings and the ship ran against an underwater rock.



*Vanessa (Cynthia) cardui*  
Ireland Sc#1619, 2005

In the southeast part of the Volgograd region in Russia between 7 and 9 June 1964, forestman I.A. Sovin observed a mass flight of *Vanessa cardui* butterflies. According to him, during the three days, not less than 2700 million butterflies flew past. Specialists think that the mass of that accumulation was about 607 tonnes.





*Vanessa atalanta*  
Great Britain Sc#3207, 2013

*Vanessa atalanta* is one of the most popular butterflies. It is spread from the Azores and the Canary Islands and Northern Africa through Europe to Asia Minor and Iran. It can be found in North America as far south as Guatemala. *Vanessa atalanta* has been found even on Haiti and New Zealand, but most likely it was brought there.

There are endemic, relic, and exotic species found among butterflies and moths. Endemic species are native to and spread over limited territories such as islands or mountains. Examples are: *Graellsia isabellae*, *Nossa palaeartica*, *Parnassius autocrator*, *Papilio homerus*, *Perisomena caecigena*, *Colias myrmidone balcanica*, and many others.



*Papilio homerus*  
Jamaica Sc#223, 1964



*Brahmaea wallichii*  
Maldives Sc#584, 1975

Relic species are the butterflies found in small regions and in limited quantities that are the remainders of the fauna from previous geological epochs. Examples are: *Atrophaneura alcinous*, *Sericinus telamon koreana*, *Libythea celtis*, and moths of the family Brahmaeidae.

Exotic butterflies are beautiful species that are the decoration of our nature. Examples are the butterflies of the family Morphidae living in Middle and South America and the butterflies of family Papilionidae, living on the islands of Oceania. Owing to the variety of shapes and colorings, they bring great aesthetic satisfaction.

[to be continued]

## URUGUAY ISSUE

On 16 September 2014, Uruguay issued a souvenir sheet of four “Mother Earth” stamps that depict a variety of subjects across the biological spectrum. The issue promotes and recognizes the International Year of Family Agriculture, the 100th anniversary of the National Livestock and Agriculture Research Institute (INIA), World Biodiversity Day, and World Environment Day.

The Family Agriculture stamp shows a field of strawberries (*Fragaria x ananassa*) with images of the fruit.

The INIA stamp shows a researcher with a set of test tubes containing specimens. The tower is a structure on the main campus of the Institute in La Estanzuela.

The Biodiversity stamp has a Plains Zebra (*Equus quagga*) and a Greater Flamingo (*Phoenicopterus roseus*).

The Environment stamp shows a West Indian Buckeye butterfly (*Junonia evarete* = *J. lavinia*) on a thistle (*Stenachaenium* species, most likely *S. megapotamicum*).

The upper left margin shows a female Puerto Rican Emerald (*Chlorostilbon maugaeus*) feeding on a Cocksbur Coral Tree flower (*Erythrina crista-galli*).

Uruguay Post (*Correo Uruguayo*) produced 5,000 of these sheets. Designer: Daniel Pereyra. Printer: Sanfer SRL.



**STAMPS WITH BIRDS EATING FROGS**

**Dr. Vic Eichler, BU1850**

It is often cited that one value of amphibians is their voracious eating of flies, mosquitoes, and other bothersome insects, many of which carry diseases that infect humans. It is often overlooked that these soft-bodied vertebrates, particularly the frogs and toads, themselves serve as meals to sustain populations of a variety of other familiar animals and birds.

At least eight nations have not overlooked the fact that a variety of shorebirds dine on frogs, and have so pictured a hapless frog in the beak of such a predator. Usually it is a heron or stork native to the country that is holding the unfortunate frog in its beak.



*Ciconia nigra*  
Belarus Sc#561, 2005



*Scopus umbretta*  
Botswana Sc#314, 1982



*Ciconia ciconia*  
Bulgaria Sc#3328A, 1988



*Grus grus*  
Finland Sc#1053, 1997



*Anthropoides paradiseus*  
Namibia Sc#1052f, 1997



*Ardea alba*  
Nevis Sc#406, 1985





*Ardeola ralloides*  
Russia Sc#4465, 1976

The conclusion here is that in the web of life a species that is a predator may itself become prey to another species.



*Nyctanassa violacea*  
St Vincent Sc#2290i, 1996

### NEW ISRAELI STAMP TO BE ISSUED

Israel Post is planning to issue several new stamps on 16 December 2014. One of these is a single stamp commemorating the friendly relationship between Israel and Ecuador that is part of a joint issue of the two countries. Ecuador will be issuing the same design sometime next year.

Ecuador was one of the 33 countries that supported the establishment of the State of Israel during the historic UN General Assembly vote on 29 November 1947. The two countries cooperate in many areas including agriculture and high technology.

The stamp shows two species of orchids, the Bee Orchid (*Ophrys fuciflora*) and the Monkey Orchid (*Dracula simia*). Both are members of the Orchidaceae family.

The Bee Orchid resembles a bee, hence its name. It has an underground egg-shaped part where it accumulates food. It is widespread across much of Europe and the Middle East and grows wild in mountainous areas of Israel, sprouting leaves and tall flowers in early winter. The Bee Orchid serves as the symbol of the Israeli Orchid Society and is one of eight species of wild bee orchids that are known to grow in Israel.

The Monkey Orchid grows on trees in the high forests of Ecuador, Colombia, and Peru. It gets its scientific name from its appearance. *Dracula* refers to its resemblance to the famous Count's fangs, and *simia*, which means monkey, refers to the arrangement of the petals and lip that resembles a monkey's face. It blooms throughout the year.

The stamps are printed by offset in sheets of 15 stamps and five tabs by Cartor Security Printing in France. They measure 40×30 mm. Contact the Israel Philatelic Service for ordering information at [www.isrealpost.co.il](http://www.isrealpost.co.il), or by email at [philserv@postil.com](mailto:philserv@postil.com).





# BOTANY

Editor

Christopher E. Dahle, BU1269



## New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>ASCENSION ISLAND</b> <b>2014 August 4</b> (World War I Centennial)				
1118-21		Various poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl A
<b>AUSTRALIA</b> <b>2013 February 5</b> (Greetings Type of 2013, with personalized photo)				
3852	60c	Eucalyptus leaves, <i>Eucalyptus</i> sp.	Myrtaceae	V A
3855	60c	Rose petal, <i>Rosa x hybrida</i>	Rosaceae	Fl A
3856	60c	Orchid	Orchidaceae	Fl A U
<b>2014 April 15</b> (Hearts & Roses Type of 2014, with personalized photo)				
4095	60c	Rose, <i>Rosa x hybrida</i>	Rosaceae	Fl A
<b>2014 July 22</b> (Norfolk Island Pines)				
4145	70c	Tree and beach, <i>Araucaria heterophylla</i>	Araucariaceae	T B
4146	\$1.40	Tree and barracks, <i>Araucaria heterophylla</i>	Araucariaceae	T B
<b>AZERBAIJAN</b> <b>2014 May 7</b> (Intl Dialogue for Environmental Action)				
1058	1m	Hands holding seedling		V B U
<b>BELARUS</b> <b>2014 May 14</b> (Flora & Fauna of Bogs)				
904b	8000r	Scots Pine, <i>Pinus sylvestris</i>	Pinaceae	T A MS Z
<b>BELGIUM</b> <b>2014 January 27</b> (Fantastic Flora in Meise Botanical Garden)				
2684a	(€1.40)	Titan Arum, <i>Amorphophallus titanum</i>	Araceae	Fl A MS
2684b	(€1.40)	Stone Plant, <i>Lithops</i> sp.	Aizoaceae	Fl A MS
2684c	(€1.40)	Pitcher Plant, <i>Nepenthes</i> sp.	Nepenthaceae	V A MS
2684d	(€1.40)	Ant Plant, <i>Myrmecodia</i> sp.	Rubiaceae	Fl A MS
2684e	(€1.40)	Jade Vine, <i>Strongylodon macrobotrys</i>	Fabaceae	Fl A MS
<b>BOSNIA &amp; HERZEGOVINA</b> <b>2013 September 25</b> (Honey Plants)				
706a	10pf	Sage, Kadulja, <i>Salvia officinalis</i>	Lamiaceae	Fl A
706b	10pf	Black Locust, Bagrem, <i>Robinia pseudoacacia</i>	Fabaceae	Fl A
706c	10pf	Dandelion, Maslačak, <i>Taraxacum campylodes (=officinale)</i>	Asteraceae	Fl A
706d	10pf	Linden, Lipa, <i>Tilia cordata</i>	Malvaceae	Fl A
706e	10pf	Heather, Vrijesak, <i>Calluna vulgaris</i>	Ericaceae	Fl A
<b>2014 May 9</b> (Peony)				
713	1.50m	Peony, <i>Paeonia officinalis</i>	Paeoniaceae	Fl A
<b>BOSNIA &amp; HERZEGOVINA (Croat Admin.)</b> <b>2013 November 1</b>				
293a	3.10m	European Nettle Tree, <i>Celtis australis</i>	Cannabaceae	T A
293b	3.10m	European Nettle Tree, <i>Celtis australis</i>	Cannabaceae	Fr A
<b>2014 May 22</b> (Myths and Flora)				
302	2m	Hazel, <i>Corylus avellana</i>	Betulaceae	Fr V A SS

**BOSNIA & HERZEGOVINA (Serb Admin) 2014 March 20** (Nature Protection)

495	90pf	Balkan Beech, <i>Fagus x taurica</i> (= <i>x moesiaca</i> )	Fagaceae	V A
496	1.70m	Maidenhair Fern, <i>Adiantum capillus-veneris</i>	Pteridaceae	V A

**BULGARIA 2014 May 12**

4679	1L	Field Elm, <i>Ulmus minor</i>	Ulmaceae	T A SS Z
------	----	-------------------------------	----------	----------

**2014 May 20** (Kozloduy Nuclear Plant anniv.)

4681	65s	Poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
------	-----	--------------------------------	--------------	------

**CHINA (Taiwan) 2014 June 24** (Herbs Type of 2013)

4179	\$3.50	Fennel, <i>Foeniculum vulgare</i>	Apiaceae	Fl A
4180	\$5	Shiso, <i>Perilla frutescens</i>	Lamiaceae	Fl A
4181	\$12	Lavender, <i>Lavandula angustifolia</i>	Lamiaceae	Fl A
4182	\$25	Basil, <i>Ocimum basilicum</i>	Lamiaceae	Fl A

**CHRISTMAS ISLAND 2014 June 17** (Christmas Island National Park)

527a	70c	"Forest," Tree trunk		T A U
527b	70c	"Beach," Coconut Palms, <i>Cocos nucifera</i>	Arecaceae	T B

**COSTA RICA 2013 December 2** (Children's Village surtax)

RA132a	60col	Forest		T A U
--------	-------	--------	--	-------

**ECUADOR 2013 December 16** (Intl Year of Quinoa)

2111a	\$2	Quinoa, <i>Chenopodium quinoa</i>	Amaranthaceae	Fr A
2111b	\$2	Pendant Amaranth, <i>Amaranthus caudatus</i>	Amaranthaceae	Fr A
2111c	\$2	Andean Lupine, <i>Lupinus mutabilis</i>	Fabaceae	Fr A

**EQUATORIAL GUINEA 2014** (Intl Year of Family Farms)

311d	750fr	Farmer inspecting crops		V B U
------	-------	-------------------------	--	-------

**FAROE ISLANDS 2014 February 26**

612	14.50k	Soft Downy Rose, <i>Rosa mollis</i>	Rosaceae	Fl A
-----	--------	-------------------------------------	----------	------

**FINLAND 2014 March 3** (Fruits and Blossoms)

1457a	(90c)	Pears, <i>Pyrus communis</i>	Rosaceae	Fr A
1457b	(90c)	Apples, <i>Malus domestica</i>	Rosaceae	Fr A
1457c	(90c)	Cherries, <i>Prunus avium</i>	Rosaceae	Fr A

**2014 March 3** (Congratulations)

1458a	(€1)	Strawberries, <i>Fragaria x ananassa</i> (with cake & cat)	Rosaceae	Fr B
1458b	(€1)	Red Clover, <i>Trifolium pratense</i> (with butterfly)	Fabaceae	Fl B
1458c	(€1)	Apple flowers, <i>Malus</i> sp. (with squirrel)	Rosaceae	Fl B
1458d	(€1)	Strawberries, <i>Fragaria vesca</i>	Rosaceae	Fr A
		Blueberries, <i>Vaccinium myrtillus</i>	Ericaceae	Fr A
		Bellflower, <i>Campanula</i> sp.	Campanulaceae	Fl A U
1458e	(€1)	Basket of flowers		Fl B U

**2014 May 5** (Spring Flower)

1460	(€1)	Viola, <i>Viola</i> sp.	Violaceae	Fl A
------	------	-------------------------	-----------	------

**2014 May 5** (Sweet Summer)

1463b	(€1)	Unidentified twigs		V A U
1463c	(€1)	Unidentified leaves		V A U
1463e	(€1)	Flowering field, <i>Brassica napus</i>	Brassicaceae	Fl B U
1463f	(€1)	Forest		T B U

**FINLAND (Åland) 2014 May 8** (Spring Flower)

356	(€1.10)	Bellflower, <i>Campanula trachelium</i>	Campanulaceae	Fl A
-----	---------	---	---------------	------



<b>FRANCE</b>		<b>2013 October 25</b> (Little Pleasures)		
4501	(58c)	“Arbre de vie,” Tree of Life		T S A
4504	(58c)	“Pluie d’écus,” Raining coins		T S A
4509	(58c)	“Magie d’agrumes,” citrus fruit and flowers, <i>Citrus</i> sp.	Rutaceae	Fl Fr A
		<b>2014 January 4</b> (Dynamics: Items with spirals)		
4540	(66c)	Red Rose, <i>Rosa x hybrida</i>	Rosaceae	Fl A
		<b>2014 April 7</b> (Environment & Conservation)		
4592	(61c)	Carrot, <i>Daucus carota</i>	Apiaceae	V A
		Pear, <i>Pyrus communis</i>	Rosaceae	Fr A
		Leek, <i>Allium</i> sp.	Amaryllidaceae	V A
		Pumpkin, <i>Cucurbita pepo</i>	Cucurbitaceae	V A
		Grapes, <i>Vitis vinifera</i>	Vitaceae	Fr A
		Cherries, <i>Prunus avium</i>	Rosaceae;	Fr A
		<b>2014 May 24</b> (Semi-postal, surtax for Red Cross)		
B736	(61c+20c)	Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A
B737	(61c+20c)	Daisies, <i>Leucanthemum vulgare</i>	Asteraceae	Fl A
B738	(61c+20c)	Tulips, <i>Tulipa x hybrida</i>	Liliaceae	Fl A
B739	(61c+20c)	Sunflowers, <i>Helianthus annuus</i>	Asteraceae	Fl A
B740	(61c+20c)	Irises, <i>Iris</i> sp.	Iridaceae	Fl A
B741	(61c+20c)	Orchids, <i>Phalaenopsis</i>	Orchidaceae	Fl A
B742	(61c+20c)	Jonquils, <i>Narcissus pseudonarcissus</i>	Amaryllidaceae	Fl A
B743	(61c+20c)	Lilies, <i>Lilium</i> sp.	Liliaceae	Fl A
B744	(61c+20c)	Carnations, <i>Dianthus caryophyllus</i>	Caryophyllaceae	Fl A
B745	(61c+20c)	Gardenias, <i>Gardenia</i> sp.	Rubiaceae	Fl A
<b>GERMAN</b>		<b>2014, June 5</b> (Flower Type of 2005)		
2411	180c	Akelei, Columbine, <i>Aquilegia vulgaris</i>	Ranunculaceae	Fl A
		<b>2014, July 3</b> (Flower Type of 2005)		
2405A	28c	Tausendgüldenkraut, Centaury, <i>Centaureum</i> sp.	Gentianaceae	Fl A
<b>GHANA</b>		<b>2012 February 28</b> (Fruit and Vegetable Type of 2012) (Vol. 63(1,2,3))		
2722	1ce	Shallots, <i>Allium cepa</i>	Amaryllidaceae	V A
2728	5ce	Coconuts, <i>Cocos nucifera</i>	Arecaceae	Fr A
<b>GREAT BRITAIN (Scotland)</b>		<b>2014 March 26</b> (Thistle Type of 2003)		
(See <i>Plants on Stamps</i> Vol. V, p.68)				
43	97p	Thistle, <i>Onopordum acanthium</i>	Asteraceae	Fl A
<b>GREAT BRITAIN (Wales &amp; Monmouthshire)</b>		<b>2014 March 26</b> (Daffodil Type of 2003)		
(See <i>Plants on Stamps</i> , Vol. V, p.68)				
43	97p	Daffodil, <i>Narcissus pseudonarcissus</i>	Amaryllidaceae	Fl A
<b>GREAT BRITAIN (Guernsey)</b>		<b>2014 May 28</b> (Britain in Bloom Horticultural Campaign, 50th anniv.)		
1254-59		U/I flowers		Fl B U
<b>GREAT BRITAIN (Isle of Man)</b>		<b>2014 July 16</b> (SEPAC Winter flowers)		
1659	75p	Hellebore, <i>Helleborus niger</i>	Ranunculaceae	Fl A
<b>GREAT BRITAIN (Jersey)</b>		<b>2014 May 6</b> (World War I Centennial) (Seeds attached to some stamps)		
1747-52		Poppies with other motifs, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
1753	£3	Poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl A
<b>GREENLAND</b>		<b>2014 January 20</b> (SEPAC Pearls of Europe, Flowers)		
663	13k	Golden Root, Rose Root, Arctic Root, <i>Rhodiola rosea</i>	Crassulaceae	Fl A

**GRENADA****2014 January 20** (Flowers)

3954a	\$1	Tiger Lily, <i>Lilium lancifolium</i>	Liliaceae	Fl A MS
3954b	\$1	Canola, Rapeseed, <i>Brassica napus</i>	Brassicaceae	Fl A MS
3954c	\$1	Sweetbay Magnolia, <i>Magnolia virginiana</i>	Magnoliaceae	Fl A MS
3954d	\$1	Geraldton Wax, <i>Chamelaucium uncinatum</i>	Myrtaceae	Fl A MS
3954e	\$1	<i>Cleistesiopsis</i> (= <i>Cleistes</i> ) <i>divaricata</i>	Orchidaceae	Fl A MS
3954f	\$1	Witchweed, <i>Striga densiflora</i>	Orobanchaceae	Fl A MS
3954g	\$1	Philadelphia Lily, <i>Lilium philadelphicum</i>	Liliaceae	Fl A MS
3954h	\$1	Oleander, <i>Nerium oleander</i>	Apocynaceae	Fl A MS
3954i	\$1	Crested Yellow Orchid, <i>Platanthera cristata</i>	Orchidaceae	Fl A MS
3955	\$9	Grass Pink Orchid, <i>Calopogon tuberosus</i> (= <i>pulchellus</i> )	Orchidaceae	Fl A SS

**2014 April 23** (Flowers)

3974a	\$4.75	Magnolias, <i>Magnolia x soulangeana</i>	Magnoliaceae	Fl A MS
3974b	\$4.75	Lilies, <i>Lilium</i> 'Stargazer'	Liliaceae	Fl A MS
3974c	\$4.75	Calla Lilies, <i>Zantedeschia aethiopica</i>	Araceae	Fl A MS
3974d	\$4.75	Geraniums, <i>Pelargonium x hortorum</i>	Geraniaceae	Fl A MS
3975a	\$4.75	Roses, <i>Rosa Synstylae</i>	Rosaceae	Fl A MS
3975b	\$4.75	Hydrangeas, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A MS
3975c	\$4.75	Peonies, <i>Paeonia suffruticosa</i>	Paeoniaceae	Fl A MS
3975d	\$4.75	Oriental Poppies, <i>Papaver orientale</i>	Papaveraceae	Fl A MS
3976a	\$9.50	Magnolias, <i>Magnolia x soulangeana</i>	Magnoliaceae	Fl A SS
3976b	\$9.50	Magnolias, <i>Magnolia x soulangeana</i>	Magnoliaceae	Fl A SS
3977a	\$9.50	Hydrangeas, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A SS
3977b	\$9.50	Violets, <i>Viola serrula</i>	Violaceae	Fl A SS

**GRENADA-GRENADINES****2013 October 10** (World Environment Day)

2850c	\$3.25	Plant		V A U MS
2851	\$9	Fruits and vegetables		Fr A SS

**2014 June 23** (Painting by Adriaen Coorte)

2900b	\$3.50	"Strawberries in a Wan-Il Bowl", <i>Fragaria x ananassa</i>	Rosaceae	Fr A MS
-------	--------	---	----------	---------

**ICELAND****2014 May 8** (Reykjavik Parks)

1339	(130k)	Pavilion Park		Fl V B U
1340	(135k)	Klambratún		Fl V B U

**IRELAND****2014 May 22** (Bloom Garden Festival)

2035	60c	Garden		Fl V B U
2036	60c	Woman holding vegetables		Fr V B U

**2014 June 12** (World Flower Show)

2037	60c	X-ray of Phalaenopsis, <i>Phalaenopsis</i>	Orchidaceae	Fl A
2038	60c	X-ray of Phalaenopsis, <i>Phalaenopsis</i>	Orchidaceae	Fl A

**LATVIA****2014 March 7** (Tulips)

866	50c	Tulips, <i>Tulipa x hybrida</i>	Liliaceae	Fl A
-----	-----	---------------------------------	-----------	------

**LUXEMBOURG****2014 September 23** (Vegetables)

1390	85c	Common Salsify, Oyster Plant, <i>Tragopogon porrifolius</i>	Asteraceae	Fl V A
1391	€1	Pea, <i>Pisum sativum</i>	Fabaceae	Fl Fr A
1392	€1.10	Chicory, <i>Cichorium intybus</i>	Asteraceae	Fl V A

**MALTA****2014 June 27** (Flowers)

1517	25c	Italian Gladiolus, <i>Gladiolus italicus</i>	Iridaceae	Fl A
1518	59c	Wavyleaf Mullein, <i>Verbascum sinuatum</i>	Scrophulariaceae	Fl A
1519	€ 1.16	Conical Orchid, <i>Neotinea tridentata</i> ssp. <i>conica</i> (= <i>Orchis conica</i> )	Orchidaceae	Fl A

<b>MARSHALL ISLANDS</b>		<b>2014 July 7 (Trees)</b>		
1085a	49c	White Willow, <i>Salix alba</i>	Salicaceae	T A
1085b	49c	Poplar, <i>Populus alba</i>	Salicaceae	T A
1085c	49c	Oak, <i>Quercus robur</i>	Fagaceae	T A
1085d	49c	Birch, <i>Betula pendula</i>	Betulaceae	T A
1085e	49c	Maple, <i>Acer saccharum</i>	Sapindaceae	T A
1085f	49c	Larch, <i>Larix decidua</i>	Pinaceae	T A
<b>MONACO</b>		<b>2014 June 14 (Princess Grace Rose Garden, 30th anniv.)</b>		
2763	66c	Bouquet of Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A
		<b>2014 June 14 (SEPAC Protea Flowers)</b>		
2764	83c	King Protea, <i>Protea cynaroides</i>	Proteaceae	Fl A
		<b>2014 July 12</b>		
2767	61c	Carob Tree, St. John's Bread, <i>Ceratonia siliqua</i>	Fabaceae	T A
<b>MONGOLIA</b>		<b>2014 February 15 (Flowers)</b>		
2783	200t	Siberian Lily, <i>Lilium pensylvanicum</i> (=dahuricum)	Liliaceae	Fl A MS
		Lady's Slipper Orchid, <i>Cypripedium calceolus</i>	Orchidaceae	Fl A MS
2784	300t	Snow Lotus, <i>Saussurea involucreta</i>	Asteraceae	Fl A MS
2785	400t	Siberian Iris, <i>Iris sibirica</i>	Iridaceae	Fl A MS
		Siberian Lily, <i>Lilium pumilum</i>	Liliaceae	Fl A MS
2786	900t	Asian globeflower, <i>Trollius asiaticus</i>	Ranunculaceae	Fl A MS
		<i>Tulipa uniflora</i>	Liliaceae	Fl A MS
2787	1000t	Large-flowered Cypripedium, <i>Cypripedium macranthos</i> (=macranthum)	Orchidaceae	Fl A MS
		<i>Adonis apennina</i> (=sibirica)	Ranunculaceae	Fl A MS
<b>MONTENEGRO</b>		<b>2014 March 14</b>		
358	30c	Lovćen Bellflower, <i>Edraianthus wettsteinii</i> ssp. <i>lovcenicus</i>	Campanulaceae	Fl A
<b>NEVIS</b>		<b>2013 November 18 (Coffee)</b>		
1785b	\$3.75	Leaves and beans, <i>Coffea arabica</i>	Rubiaceae	Fr A MS
1785c	\$3.75	Coffee berries, <i>Coffea arabica</i>	Rubiaceae	Fr A MS
1786	\$9	Roasted beans, <i>Coffea arabica</i>	Rubiaceae	Fr A SS
		<b>2014 July 7 (Orchids)</b>		
1807a	\$4	<i>Phalaenopsis</i>	Orchidaceae	Fl A MS
1807b	\$4	<i>Phalaenopsis</i> 'Sogo Yukidan'	Orchidaceae	Fl A MS
1807c	\$4	<i>Aerides houlletiana</i>	Orchidaceae	Fl A MS
1807d	\$4	<i>Zygopetalum crinitum</i>	Orchidaceae	Fl A MS
1808a	\$9	<i>Phalaenopsis</i>	Orchidaceae	Fl A SS
1808b	\$9	<i>Miltonia</i>	Orchidaceae	Fl A SS
<b>PITCAIRN ISLAND</b>		<b>2014 July 28 (World War I Centennial)</b>		
780		Poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
<b>RUSSIA</b>		<b>2014 March 14 (Flowers)</b>		
7518a	15r	Fireweed, <i>Epilobium</i> (=Chamaenerion) <i>angustifolium</i>	Onagraceae	Fl A MS
7518b	15r	Large-leaved Lupine, <i>Lupinus polyphyllus</i>	Fabaceae	Fl A MS
7518c	15r	Chicory, <i>Cichorium intybus</i>	Asteraceae	Fl A MS
7518d	15r	Chamomile, <i>Matricaria chamomilla</i> (=recutita)	Asteraceae	Fl A MS



**ST. MARTIN****2014 August 20** (Fruit)

57a	75c	Strawberries, <i>Fragaria x ananassa</i>	Rosaceae	Fr A MS
57b	125c	Apple, <i>Malus domestica</i>	Rosaceae	Fr A MS
57c	275c	Rambutan, <i>Nephelium lappaceum</i>	Sapindaceae	Fr A MS
57d	325c	Apricot, <i>Prunus armeniaca</i>	Rosaceae	Fr A MS
57e	475c	Peach, <i>Prunus persica</i>	Rosaceae	Fr A MS
57f	625c	Pear, <i>Pyrus communis</i>	Rosaceae	Fr A MS

**ST. THOMAS & PRINCE****2011 February 25** (Peonies)

2380a	31250d	L: <i>Paeonia mascula</i> ssp. <i>russoi</i> R: <i>Paeonia officinalis</i>	Paeoniaceae Paeoniaceae	Fl A MS Fl A MS
2380b	31250d	L: <i>Paeonia daurica</i> R: <i>Paeonia wittmanniana</i>	Paeoniaceae Paeoniaceae	Fl A MS Fl A MS
2380c	31250d	L: <i>Paeonia peregrina</i> R: <i>Paeonia cambessedesii</i>	Paeoniaceae Paeoniaceae	Fl A MS Fl A MS
2380d	31250d	L: <i>Paeonia corsica</i> (= <i>P. russoi</i> var. <i>reverchonii</i> ) R: <i>Paeonia clusii</i>	Paeoniaceae Paeoniaceae	Fl A MS Fl A MS

**2011 February 25** (Rotary and Orchid)

2389b	32500d	<i>Cattleya rex</i>	Orchidaceae	Fl A MS
-------	--------	---------------------	-------------	---------

**2011 March 11** (Orchids)

2416a	52000d	UL: <i>Ansellia africana</i> LR: <i>Pecteilis</i> (= <i>Habaneria</i> ) <i>radiata</i>	Orchidaceae Orchidaceae	Fl A MS Fl A MS
2416b	52000d	L: <i>Dracula vampira</i> R: <i>Calanthe sieboldii</i>	Orchidaceae Orchidaceae	Fl A MS Fl A MS

**2013 August 15** (Pope Benedict and Flowers)

2514a	25000d	Tiger Woods Lily, <i>Lilium</i> 'Tiger Woods'	Liliaceae	Fl A MS
2514b	25000d	Easter Lily, <i>Lilium longiflorum</i>	Liliaceae	Fl A MS
2514c	25000d	Red Ginger Lily, <i>Hedychium coccineum</i>	Zingiberaceae	Fl A MS
2514d	25000d	Easter Lily, <i>Lilium longiflorum</i>	Liliaceae	Fl A MS

**2013 August 15** (Pope Francis and Orchids)

2515a	25000d	<i>Cattleya walkeriana</i>	Orchidaceae	Fl A MS
2515b	25000d	<i>Vanda tricolor</i>	Orchidaceae	Fl A MS
2515c	25000d	<i>Oncidium</i> (= <i>Odontoglossum</i> ) <i>nevadense</i>	Orchidaceae	Fl A MS
2515d	25000d	<i>Pescatoria lehmanni</i>	Orchidaceae	Fl A MS

**2013 August 15** (Rotary and Orchid)

2532	SS 96000d	<i>Dendrobium albosanguineum</i>	Orchidaceae	Fl A SS
------	-----------	----------------------------------	-------------	---------

**2013 August 15** (Pope and flower)

2534	SS 96000d	Lily, <i>Lilium longiflorum</i>	Liliaceae	Fl A SS
2535	SS 96000d	<i>Cymbidium</i> 'Valley Regent Reggae'	Orchidaceae	Fl A SS

**2013 September 10** (Butterflies and Flowers)

2555a	25000d	Didier's Tulip, <i>Tulipa gesneriana</i>	Liliaceae	Fl A MS
2555b	25000d	Day Lily, <i>Hemerocallis</i> sp.	Xanthorrhoeaceae	Fl A MS
2555c	25000d	Bristly Hollyhock, <i>Alcea setosa</i>	Malvaceae	Fl A MS
2555d	25000d	Sunflower, <i>Helianthus annuus</i>	Asteraceae	Fl A MS
2574	SS 96000d	Peony, <i>Paeonia officinalis</i>	Paeoniaceae	Fl A SS

**2013, December 10** (Painting by Renoir)

2601c	25000d	"Anemones," <i>Anemone coronaria</i>	Ranunculaceae	Fl A MS
-------	--------	--------------------------------------	---------------	---------

<b>ST. VINCENT</b>		<b>2014 February 26</b> (Garden Flowers Type of 2014)		
3913a	\$6.25	Lily, <i>Lilium longiflorum</i>	Liliaceae	Fl A
3913b	\$6.25	Bearded Iris, <i>Iris germanica</i>	Iridaceae	Fl A
3913c	\$6.25	Bird of Paradise, <i>Strelitzia reginae</i>	Strelitziaceae	Fl A
3915a	\$9.50	Iris, <i>Iris germanica</i>	Iridaceae	Fl A
3915b	\$9.50	Hyacinth, <i>Hyacinthus orientalis</i>	Asparagaceae	Fl A
<b>SAMOA</b>		<b>2012 May 24</b> (Independence 50th anniv.)		
1137A	\$2	Palm tree and shore	Areaceae	T A U
		<b>2013 August 19</b> (Sopoaga Falls and Flower)		
1154	\$2.70	Teuila flower, Red Ginger, <i>Alpinia purpurata</i>	Zingiberaceae	Fl B
1155	\$20	Teuila flower, Red Ginger, <i>Alpinia purpurata</i>	Zingiberaceae	Fl B
		<b>2013 September 17</b> (Teuila Festival)		
1161	50s	Teuila flower, Red Ginger, <i>Alpinia purpurata</i>	Zingiberaceae	Fl A
1162a	\$10	Pink Teuila flower, <i>Alpinia purpurata</i>	Zingiberaceae	Fl A SS
1162b	\$10	Red Teuila flower, <i>Alpinia purpurata</i>	Zingiberaceae	Fl A SS
1162c	\$10	Pink Teuila flower, <i>Alpinia purpurata</i>	Zingiberaceae	Fl A SS
<b>SLOVENIA</b>		<b>2014 May 8</b> (Red Cross Week)		
RA55	17c	Birch, <i>Betula pendula</i>	Betulaceae	T A
<b>SPAIN</b>		<b>2014 April 24</b> (Spanish Cuisine—Tangerine Flavored Gum)		
3977a	€3.15	Tangerine and flower, <i>Citrus reticulata</i>	Rutaceae	Fl Fr A SS
		<b>2014 June 20</b> (Corps of Agricultural Engineers)		
3985	54c	Stylized ears of corn, <i>Zea mays</i>	Poaceae	Fr A S
<b>TRISTAN DA CUNHA</b>		<b>2014 August 4</b> (World War I Centennial)		
1028-31		Poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
<b>TUNISIA</b>		<b>2014 June 11</b> (National Cleanliness & Environmental Maintenance Day)		
1575	1000m	Tree		T A U
<b>TUVALU</b>		<b>2014 April 23</b> (Root Vegetables)		
1275a	\$1.40	Carrots, <i>Daucus carota</i>	Apiaceae	V A MS
1275b	\$1.40	Parsnip, <i>Pastinaca sativa</i>	Apiaceae	V A MS
1275c	\$1.40	Garlic, <i>Allium sativum</i>	Amaryllidaceae	V A MS
1275d	\$1.40	Shallots, <i>Allium cepa</i>	Amaryllidaceae	V A MS
1276a	\$1.40	Kohlrabi, <i>Brassica oleracea</i>	Brassicaceae	V A MS
1276b	\$1.40	Turnip, <i>Brassica rapa</i>	Brassicaceae	V A MS
1276c	\$1.40	Sweet Potato, <i>Ipomoea batatas</i>	Convolvulaceae	V A MS
1276d	\$1.40	Onion, <i>Allium cepa</i>	Amaryllidaceae	V A MS
1277a	\$2.25	Radishes, <i>Raphanus sativus</i>	Brassicaceae	V A SS
1277b	\$2.25	Fennel, <i>Foeniculum vulgare</i>	Apiaceae	V A SS
1278a	\$2.25	Potato, <i>Solanum tuberosum</i>	Solanaceae	V A SS
1278b	\$2.25	Leek, <i>Allium ampeloprasum</i>	Amaryllidaceae	V A SS
<b>UNITED ARAB EMIRATES</b>		<b>2013 December 24</b> (Coffee Tools)		
1104	1d	Roasting pan and mixer, <i>Coffea arabica</i>	Rubiaceae	Fr B

**UNITED STATES****2014 August 7** (Farmers Markets)

4913	(49c)	Apples, <i>Malus domestica</i>	Rosaceae	Fr A MS
		Eggplant, <i>Solanum melongena</i>	Solanaceae	V A MS
		Pepper, <i>Capsicum annuum</i>	Solanaceae	V A MS
		Broccoli, <i>Brassica oleracea</i>	Brassicaceae	V A MS
		Squash, <i>Cucurbita</i> sp.	Cucurbitaceae	V A MS
		Watermelon, <i>Citrullus lanatus</i>	Cucurbitaceae	V A MS
		Potatoes, <i>Solanum tuberosum</i>	Solanaceae	V A MS
		Grapes, <i>Vitis vinifera</i>	Vitaceae	Fr A MS
		Tomatoes, <i>Lycopersicon esculentum</i>	Solanaceae	Fr A MS
4914	(49c)	Sunflowers, <i>Helianthus annuus</i>	Asteraceae	Fl A MS
		Celosia, <i>Celosia cristata</i>	Amaranthaceae	Fl A MS
4915	(49c)	Chives, <i>Allium schoenoprasum</i>	Amaryllidaceae	Fl V MS
		Parsley, <i>Petroselinum crispum</i>	Apiaceae	V MS
		Rosemary, <i>Rosmarinus officinalis</i>	Lamiaceae	Fl V MS
		Thyme, <i>Thymus vulgaris</i>	Lamiaceae	Fl V MS
		Tomatoes, <i>Lycopersicon esculentum</i>	Solanaceae	Fr V MS
		Marigolds, <i>Tagetes erecta</i>	Asteraceae	Fl MS
		Nasturtiums, <i>Tropaeolum majus</i>	Tropaeolaceae	Fl MS

**URUGUAY****2013 November 8** (Exports)

2448a	15p	Grapes, <i>Vitis vinifera</i>	Vitaceae	Fr A
-------	-----	-------------------------------	----------	------

**UZBEKISTAN****2014 April 10** (Flowers)

737	1300s	<i>Delphinium knorringianum</i>	Ranunculaceae	Fl A
738	1500s	<i>Corydalis aitchisonii</i> (= <i>sewerzowii</i> )	Papaveraceae	Fl A
739	3200s	<i>Iris</i> (= <i>Juno</i> ) <i>magnifica</i>	Iridaceae	Fl A

**ZIMBABWE****2014 March 11** (Export Crops)

1171	30c	Flowers, <i>Rosa x hybrida</i>	Rosaceae	Fl A
1172	75c	Cotton, <i>Gossypium hirsutum</i>	Malvaceae	Fr A
1173	85c	Tea, <i>Camellia sinensis</i>	Theaceae	V A
1174	\$1	Tobacco, <i>Nicotiana tabacum</i>	Solanaceae	V A

**ANIMALS; DOGS & CATS; HORSES; INSECTS; BUGS  
 BUTTERFLIES; MALARIA; FLOWERS & PLANTS; ORCHIDS  
 MUSHROOMS; MARINE LIFE; FISH; TURTLES; REPTILES  
 SHELLS; WHALES & SEALS; BIRDS; MINERALS  
 MIXED BIOLOGY TOPICS**

**Write for the price list of your choice**

**EASTERN SHORE STAMP COMPANY**

**P.O. BOX 241, SEAFORD, DE 19963**

**e-mail: [essc@comcast.net](mailto:essc@comcast.net) Phone - Phone: (302) 629-2328**





# FUNGI

Editor

Paul A. Mistretta, BU1681



## New Listings

Scott#	Denom	Common Name/Scientific Name	Family	Code
<b>BELARUS</b> <b>2013 September 10</b> (Edible Mushrooms)				
874	(4000r)	Hedgehog Mushroom or Sweet Tooth, <i>Hydnum repandum</i>	Hydnaceae	A*
875	(4000r)	Shaggy Milk Cap, <i>Lactarius torminosus</i>	Russulaceae	A*
876	(5500r)	Ashen Chanterelle or Egg Mushroom, <i>Cantharellus cinereus</i>	Cantharellaceae	A*
877	(5500r)	Gypsy Mushroom, <i>Cortinarius caperatus</i> (Cap: <i>Rozites c.</i> )	Cortinariaceae	A*
877a		SS of 8 (2ea Sc#874–77)		
	Margin	LR: Basket of various mushrooms and images of the species shown in each stamp		Z
<b>BULGARIA</b> <b>2014 February 10</b> (Mushrooms)				
4661	10s	Pine Bolete or Pinewood King Bolete, <i>Boletus pinophilus</i>	Boletaceae	A
4662	20s	Magpie Ink Cap, <i>Coprinus picaceus</i>	Coprinaceae	A
4663	50s	False Death Cap or Citron Amanita, <i>Amanita citrina</i>	Amanitaceae	A
4664	1L	Green Russula, <i>Russula virescens</i>	Russulaceae	A
<b>CZECH REPUBLIC</b> <b>2014 January 1</b> (Czech Stamp Design Tradition-Ladislav Jirka)				
This issue is an s-o-s issue commemorating Ladislav Jirka (stamp engraver) and including a reproduction of the vignette of Czechoslovakia Sc#884 in the background.				
3594	13k	Orange Birch Bolete, <i>Leccinum versipelle</i> (Cap: <i>Krombholzia rufescens</i> )	Boletaceae	B
3594a		Bklt pane of 8+4 labels (Sc#3594)		
<b>FALKLAND ISLANDS</b> <b>2014 April 15</b> (Mushrooms)				
1114	30p	False Chanterelle, <i>Hygrophoropsis aurantiaca</i>	Hygrophoropsidaceae	A
1115	75p	Red Wax Cap, <i>Hygrocybe</i> sp.	Hygrophoraceae	A
1116	£1	Clustered Domecap, <i>Lyophyllum</i> sp.	Lyophyllaceae	A
1117	£1.20	Shaggy Inkcapp, <i>Coprinus comatus</i>	Coprinaceae	A
<b>GUYANA</b> <b>1993 July 28</b> (Mushroom) (just listed)				
Note: My records indicate there is also a \$7.65 single stamp and four other currently unnumbered SS in this set.				
2687B	\$8.90	Satan's Bolete, <i>Boletus satanas</i>	Boletaceae	A
2687C	\$50	Slippery Jack, <i>Suillus granulatus</i>	Boletaceae	A
2687D	\$100	Spectacular Rustgill, <i>Gymnopilus junonius</i> (Cap: <i>G. spectabilis</i> )	Strophariaceae	A
2687E	\$250	Lion shield, <i>Pluteus leoninus</i>	Pluteaceae	A
2687F	SS \$500	Pleated Inkcapp, <i>Parasola plicatilis</i> (Cap: <i>Coprinus plicatilis</i> )	Psathyrellaceae	A
<b>MONTENEGRO</b> <b>2014 March 14</b> (Mushroom)				
359	95c	Clustered Wood-lover or Sulfur Tuft, <i>Hypholoma fasciculare</i>	Strophariaceae	A

**ST. THOMAS & PRINCE****2011 March 30** (Mushroom)

2398a	35000d	<i>Neoboletus junquilleus</i> (Cap: <i>Boletus junquilleus</i> )	Boletaceae	A
2398b	35000d	Bay Bolete, <i>Xerocomus badius</i>	Boletaceae	A
2398		SS of 2 (Sc#2398a–b)		
	Margin	UL & Bot: Royal Bolete, <i>Butyriboletus regius</i> (Cap: <i>Boletus r.</i> )	Boletaceae	Z
		Top & Bot: Ink Stain Bolete, <i>Boletus pulverulentus</i>	Boletaceae	Z
		Top & Bot: Sulphur Shelf, <i>Laetiporus sulphureus</i>	Polyporaceae	Z
		UR & Bot: Rough-stemmed Bolete, <i>Leccinum scabrum</i>	Boletaceae	Z
2421a	55000d	Fly Agaric, <i>Amanita muscaria</i>	Amanitaceae	A
2421b	55000d	Parasol Mushroom, <i>Macrolepiota procera</i>	Agaricaceae	A
2421		SS of 2 (Sc#2421a–b)		
	Margin	At least 15 U/I species depicted		Z U

**2013 August 15** (Mushroom)

2516a	25000d	Crimson Wax Cap, <i>Hygrocybe punicea</i>	Hygrophoraceae	A
2516b	25000d	Death Angel, <i>Amanita phalloides</i>	Amanitaceae	A
2516c	25000d	Pine Tree Bolete, <i>Suillus grevillei</i>	Boletaceae	A
2516d	25000d	Field Mushroom, <i>Agaricus campester</i>	Agaricaceae	A
2536	SS 96000d	Scarlet-stemmed Bolete, <i>Boletus calopus</i>	Boletaceae	A
	Margin	R: Rough-stemmed Bolete, <i>Leccinum scabrum</i>	Boletaceae	Z

**FUNGI ON SWISS ISSUE**

Swiss Post issued a set of four mushroom stamps (Sc#1515–18) on 6 March 2014 (see Vol.63(3), p.173). The self-adhesive definitive stamps were printed on white paper with optical brightener using a four-color offset method by Johan Enschede in the Netherlands. The individual stamps measure 33×28 mm and are serpentine die cut 12 on all four sides. They were issued in sheets of 20 on translucent paper backing. The designer was Karin Hänni. The background of each stamp shows a close-up of the surface texture of the subject species.

The 10c value shows one of the most popular edible mushrooms, the Golden Chanterelle, *Cantharellus cibarius*. This mycorrhizal mushroom has a delicate, apricot-like flavor, is widespread in both deciduous and coniferous forests, and grows best in acidic soils.

A mycorrhizal association is a symbiotic one in which the fungus colonizes the roots of the host plant. These relationships are generally mutualistic, but occasionally can be weakly pathogenic.

The 15c value depicts a Sooty Milkcap, *Lactarius lignyotus*, a mycorrhizal partner to spruce trees. It is edible with an attractive velvety surface.

The Blue Tooth, *Hydnellum caeruleum*, shown on the 20c value, is rarely found in Switzerland and grows mainly in coniferous forests. With its tough flesh, it is not considered edible.

The Old Man of the Woods, *Strobilomyces strobilaceus*, shown on the 50c value, owes its popular name to the unusual, disheveled scales that cover the top of its cap and its stem. This mycorrhizal fungus is mainly found in mixed beech woodland. It has a bitter taste and is not considered edible.





# MAMMALIA

Editor

Michael Prince, LM68



Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	
<b>ANTIGUA</b> <b>2013 November 18</b> (Animals of South America) (MS of 4)				
Sc#3228c is captioned "Spectacled Bear," but animal depicted shows no sign of white facial markings.				
3228a	\$3.25	Black Howler Monkey, <i>Alouatta caraya</i>	Atelidae	A*
3228b	\$3.25	South American Tapir, <i>Tapirus terrestris</i>	Tapiridae	A*
3228c	\$3.25	American Black Bear, <i>Ursus americanus</i>	Ursidae	A*
3228d	\$3.25	Maned Wolf, <i>Chrysocyon brachyurus</i>	Canidae	A*
<b>ARUBA</b> <b>2013 December 16</b> (Wildlife) (Sheet of 16+4 labels, 2ea Sc#433)				
433b	175c	Jaguar, <i>Panthera onca</i>	Felidae	A*
433e	175c	Common Squirrel Monkey, <i>Saimiri sciureus</i>	Cebidae	A*
433f	175c	Jaguar, <i>Panthera onca</i>	Felidae	A*
433h	175c	Emperor Tamarin, <i>Saguinus imperator</i>	Cebidae	A*
433		Block of 8 (Sc#433a-h)		
<b>AZERBAIJAN</b> <b>2013 November 15</b> (Wildlife in Hirkan National Park) (MS of 4)				
Sc#1040d is captioned " <i>Martes foina</i> ," Beech Marten. However, the animal depicted is not a marten, but a weasel species. Therefore changed to <i>Mustela nivalis</i> , Least Weasel.				
1040a	20g	Sika Deer, <i>Cervus nippon</i>	Cervidae	A*
1040b	30g	Western Roe Deer, <i>Capreolus capreolus</i>	Cervidae	A*
1040c	50g	Eurasian Lynx, <i>Lynx lynx</i>	Felidae	A*
1040d	60g	Least Weasel, <i>Mustela nivalis</i> (Cap: <i>Martes foina</i> )	Mustelidae	A*
<b>ESTONIA</b> <b>2014 May 30</b> (Hedgehog)				
762	45c	West European Hedgehog, <i>Erinaceus europaeus</i>	Erinaceidae	A*
<b>FALKLAND ISLANDS</b> <b>2014 March 25</b> (Wildlife) (Set of 4)				
1112	£1	South American Sea Lion, <i>Otaria flavescens</i>	Otariidae	A
<b>GIBRALTAR</b> <b>2014 May 2</b> (Dolphins) (Set of 3)				
1455	68p	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae	A*
1456	84p	Striped Dolphin, <i>Stenella coeruleoalba</i>	Delphinidae	A*
1457	£2.50	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A*
<b>KAZAKHSTAN</b> <b>2013 December 25</b> (Wildlife of Ustyurt Game Reserve) (SS of 3)				
713a	60te	Cheetah, <i>Acinonyx jubatus</i>	Felidae	A*
<b>MONGOLIA</b> <b>2014 May 16</b> (Threatened Species Red Book of Mongolia) (Set & SS of 4)				
2795	200t	Eurasian Lynx, <i>Lynx lynx</i>	Felidae	A*
2798	500t	Marbled Polecat, <i>Vormela peregusna</i>	Mustelidae	A*
<b>RUSSIA</b> <b>2014 February 13</b> (Moscow Zoo, 150th Anniversary) (SS of 1)				
7510	SS 40r	L: Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae	Z
		LL: Tiger, <i>Panthera tigris</i>	Felidae	Z
		Bot: Manul Cat, <i>Otocolobus manul</i>	Felidae	Z
		LR: Brown Bear, <i>Ursus arctos</i>	Ursidae	Z
		LR: Asian Elephant, <i>Elephas maximus</i>	Elephantidae	Z
		UR: Agile Gibbon, <i>Hylobates agilis</i>	Hylobatidae	Z



<b>ST THOMAS &amp; PRINCE IS. 2011 February 25</b> (Various Wildlife) (MS of 4)				
2378b	31250d	Least Pipistrelle, <i>Pipistrellus tenuis</i> (Cap: <i>P. murrayi</i> )	Vespertilionidae	A
2378		MS of 4 (Sc#2378a–d) Protected Animals on Christmas Island		
2379a	31250d	Dusky Dolphin, <i>Lagenorhynchus obscurus</i>	Delphinidae	A
2379b	31250d	Pantropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae	A
2379c	31250d	Commerson's Dolphin, <i>Cephalorhynchus commersonii</i>	Delphinidae	A
2379d	31250d	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A
2379		MS of 4 (Sc#2379a–d) Dolphins		
2384a	31750d	Cheetah, <i>Acinonyx jubatus</i> (Cap: <i>A. jubatus raineyii</i> )	Felidae	A*
2384b	31750d	Cheetah, <i>Acinonyx jubatus</i> (Cap: <i>A. jubatus hecki</i> )	Felidae	A*
2384c	31750d	Lion <i>Panthera leo</i> (Cap: <i>P. leo bleyenberghi</i> )	Felidae	A*
2384d	31750d	Leopard, <i>Panthera pardus</i>	Felidae	A*
2384		MS of 4 (Sc#2384a–d) Cats		
2385a	31750d	Sand Cat, <i>Felis margarita</i>	Felidae	A*
2385b	31750d	Black-footed Cat, <i>Felis nigripes</i>	Felidae	A*
2385c	31750d	Rusty-spotted Cat, <i>Prionailurus rubiginosus</i>	Felidae	A*
2385d	31750d	Jungle Cat, <i>Felis chaus</i>	Felidae	A*
2385		MS of 4 (Sc#2385a–d) Cats		
2386a	32500d	Honey Badger, <i>Mellivora capensis</i>	Mustelidae	A*
2386b	32500d	Waterbuck, <i>Kobus ellipsiprymnus</i>	Bovidae	A*
2386c	32500d	Desert Warthog, <i>Phacochoerus aethiopicus</i>	Suidae	A*
2386d	32500d	Aardvark, <i>Orycteropus afer</i>	Orycteropodidae	A*
2386		MS of 4 (Sc#2386a–d) African Fauna		
<b>2011 March 30</b> (Various Wildlife) (SS of 2)				
2413a	52000d	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A Z*
2413b	52000d	North Atlantic Right Whale, <i>Eubalaena glacialis</i>	Balaenopteridae	A*
2413		SS of 4 (Sc#2413a–d) Whales (also in margin)		
2418a	55000d	Giant Panda, <i>Ailuropoda melanoleuca</i> (sleeping)	Ursidae	A Z*
2418b	55000d	Giant Panda, <i>Ailuropoda melanoleuca</i> (eating)	Ursidae	A Z*
2418		SS of 4 (Sc#2418a–d) Giant Pandas (also in R margin)		
<b>2013 May 10</b> (Animals and Prehistoric Animals) (MS of 4 & SS of 1)				
2466a	25000d	Black Rhinoceros, <i>Diceros bicornis</i> (facing right)	Rhinocerotidae	A*
2466b	25000d	Black Rhinoceros, <i>Diceros bicornis</i> (facing left)	Rhinocerotidae	A*
2466c	25000d	White Rhinoceros, <i>Ceratotherium simum</i> (with calf)	Rhinocerotidae	A*
2466d	25000d	White Rhinoceros, <i>Ceratotherium simum</i>	Rhinocerotidae	A*
2466		MS of 4 (Sc#2466a–d) Rhinoceroses		
2486	SS 96000d	Black Rhinoceros, <i>Diceros bicornis</i>	Rhinocerotidae	A*
	Margin	UL & LR: same species	Rhinocerotidae	Z*
2467a	25000d	Cuvier's Gazelle, <i>Gazella cuvieri</i>	Bovidae	A*
2467b	25000d	Speke's Gazelle, <i>Gazella spekei</i>	Bovidae	A*
2467c	25000d	Red-fronted Gazelle, <i>Eudorcas</i> (= <i>Gazella</i> ) <i>rufifrons</i>	Bovidae	A*
2467d	25000d	Rhim Gazelle, <i>Gazella leptoceros</i>	Bovidae	A*
2467		MS of 4 (Sc#2467a–d) Antelopes		
2487	SS 96000d	Dorcas Gazelle, <i>Gazella dorcas</i>	Bovidae	A*
	Margin	LL: Dama Gazelle, <i>Nanger dama</i> (Cap: <i>Gazella dama</i> )	Bovidae	Z*
		LR: Soemmerring's gazelle, <i>Nanger soemmerringii</i>	Bovidae	Z*
		(Cap: <i>Gazella soemmerringii</i> )		

**ST THOMAS & PRINCE IS. (cont) 2013 May 10** (Animals and Prehistoric Animals) (MS of 4 & SS of 1)

2468a	25000d	Mona Monkey, <i>Cercopithecus mona</i> (with papaya)	Cercopithecidae	A*
2468b	25000d	Mona Monkey, <i>Cercopithecus mona</i> (with monkey jackfruit)	Cercopithecidae	A*
2468c	25000d	Mona Monkey, <i>Cercopithecus mona</i> (with guava)	Cercopithecidae	A*
2468d	25000d	Mona Monkey, <i>Cercopithecus mona</i> (with pond apple)	Cercopithecidae	A*
2468		MS of 4 (Sc#2468a–d) Monkeys and Fruit		
2488	SS 96000d	Mona Monkey, <i>Cercopithecus mona</i>	Cercopithecidae	A*
	Margin	UL & LR: same species	Cercopithecidae	Z*
2469a	25000d	L: De Brazza's Monkey, <i>Cercopithecus neglectus</i>	Cercopithecidae	A*
		R: Diana Monkey, <i>Cercopithecus diana</i>	Cercopithecidae	A*
2469b	25000d	Western Red Colobus, <i>Piliocolobus badius</i>	Cercopithecidae	A*
2469c	25000d	Olive Baboon, <i>Papio anubis</i>	Cercopithecidae	A*
2469d	25000d	L: Roloway Monkey, <i>Cercopithecus roloway</i>	Cercopithecidae	(new) A*
		R: Mantled Guereza, <i>Colobus guereza</i>	Cercopithecidae	A*
2469		MS of 4 (Sc#2469a–d) Primates		
2489	SS 96000d	Olive Baboon, <i>Papio anubis</i>	Cercopithecidae	A*
	Margin	UL: Diana Monkey, <i>Cercopithecus diana</i>	Cercopithecidae	Z*
		CTR: Mantled Guereza, <i>Colobus guereza</i>	Cercopithecidae	Z*
		UR: King Colobus, <i>Colobus polykomos</i>	Cercopithecidae	Z*
		LR: De Brazza's Monkey, <i>Cercopithecus neglectus</i>	Cercopithecidae	Z*
2470a	25000d	Egyptian Rousette, <i>Rousettus aegyptiacus</i>	Pteropodidae	A*
2470b	25000d	Little Free-tailed Bat, <i>Tadarida pumila</i>	Molossidae	(new) A*
2470c	25000d	Mauritian Tomb Bat, <i>Taphozous mauritanus</i>	Emballonuridae	A*
2470d	25000d	Noack's Leaf-nosed Bat, <i>Hipposideros ruber</i>	Hipposideridae	(new) A*
2470		MS of 4 (Sc#2470a–d) Bats		
2490	SS 96000d	Straw-colored Fruit Bat, <i>Eidolon helvum</i>	Pteropodidae	A*
	Margin	UL, UR & LR: same species	Pteropodidae	Z*
2471a	25000d	Serval, <i>Leptailurus serval</i>	Felidae	A*
2471b	25000d	Leopard, <i>Panthera pardus</i>	Felidae	A*
2471c	25000d	R: Cheetah, <i>Acinonyx jubatus</i>	Felidae	A*
		L: Gazelle, <i>Gazella</i> sp. (under attack)	Bovidae	B*
2471d	25000d	L: Lion, <i>Panthera leo</i>	Felidae	A*
		R: Cape Buffalo, <i>Syncerus caffer</i> (under attack)	Bovidae	B*
2471		MS of 4 (Sc#2471a–d) African Wild Cats		
2491	SS 96000d	Caracal, <i>Caracal caracal</i>	Felidae	A Z
2472a	25000d	African Bush Elephant, <i>Loxodonta africana</i> (adult & juvenile)	Elephantidae	A*
2472b	25000d	African Bush Elephant, <i>Loxodonta africana</i> (adult & juveniles)	Elephantidae	A*
2472c	25000d	African Bush Elephant, <i>Loxodonta africana</i> (stampede)	Elephantidae	A*
2472d	25000d	African Bush Elephant, <i>Loxodonta africana</i> (two adults)	Elephantidae	A*
2472		MS of 4 (Sc#2472a–d) African Elephants		
2492	SS 96000d	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A*
	Margin	R: same species (adult & juvenile)	Elephantidae	Z*
2473a	25000d	Risso's Dolphin, <i>Grampus griseus</i>	Delphinidae	A*
2473b	25000d	Rough-toothed Dolphin, <i>Steno bredanensis</i>	Delphinidae	A*
2473c	25000d	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae	A*
2473d	25000d	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A*
2473		MS of 4 (Sc#2473a–d) Dolphins		
2493	SS 96000d	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae	A*
	Margin	Top & LR: Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	Z*

**ST THOMAS & PRINCE IS. (cont) 2013 May 10** (Animals and Prehistoric Animals) (MS of 4 & SS of 1)

2474a	25000d	Pygmy Killer Whale, <i>Feresa attenuata</i>	Delphinidae	A*
2474b	25000d	Bryde's Whale, <i>Balaenoptera edeni</i>	Balaenopteridae	A*
2474c	25000d	Pygmy Sperm Whale, <i>Kogia breviceps</i>	Physeteridae	A*
2474d	25000d	Blainville's Beaked Whale, <i>Mesoplodon densirostris</i>	Ziphiidae	A*
2474		MS of 4 (Sc#2474a-d) Whales		
	Margin	UL: Cuvier's beaked whale, <i>Ziphius cavirostris</i>	Ziphiidae	Z
		R: Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae	Z
2494	SS 96000d	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A*
	Margin	UL: Pygmy Sperm Whale, <i>Kogia breviceps</i>	Physeteridae	Z*
		UR: Fin Whale, <i>Balaenoptera physalis</i>	Balaenopteridae	Z*
		MR: Bryde's Whale, <i>Balaenoptera edeni</i>	Balaenopteridae	Z*
		LR: Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae	Z*

**2013 September 10** (Various Fauna) (MS of 4 & SS of 1)

2550a	25000d	Top: Lion, <i>Panthera leo</i>	Felidae	A*
		Bot: Indian Pangolin, <i>Manis crassicaudata</i>	Manidae	B*
2550b	25000d	Lion, <i>Panthera leo</i>	Felidae	A*
		Gazelle, <i>Gazella</i> sp. (in lion's mouth)	Bovidae	B*
2550c	25000d	Top: Lion, <i>Panthera leo</i>	Felidae	A*
		Bot: Cape Buffalo, <i>Syncerus caffer</i> (under attack)	Bovidae	B*
2550d	25000d	Lion, <i>Panthera leo</i>	Felidae	A*
2550		MS of 4 (Sc#2550a-d) Lions with Lions International emblem		
2569	SS 96000d	L: Lion, <i>Panthera leo</i>	Felidae	B*
		R: U/I antelope sp. (under attack)	Bovidae	U B
	Margin	LR: Lion, <i>Panthera leo</i>	Felidae	Z*
2551a	25000d	Sumatran orangutan, <i>Pongo abelii</i>	Hominidae	
2551c	25000d	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	
2551d	25000d	Northern Sportive Lemur, <i>Lepilemur septentrionalis</i>	Lepilemuridae	(new) A*
2551		MS of 4 (Sc#2551a-d) Endangered Animals		
2570	SS 96000d	Leopard, <i>Panthera pardus</i>	Felidae	A*
	Margin	Indian Rhinoceros, <i>Rhinoceros unicornis</i>	Rhinocerotidae	Z*
2552a	25000d	Pantropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae	A*
2552b	25000d	Yangtze River Dolphin, <i>Lipotes vexillifer</i>	Iniidae	A*
2552c	25000d	Irawaddy Dolphin, <i>Orcaella brevirostris</i>	Delphinidae	A*
2552d	25000d	Common Short-beaked Dolphin, <i>Delphinus delphis</i>	Delphinidae	A*
2552		MS of 4 (Sc#2552a-d) Dolphins		
2571	SS 96000d	Ganges River Dolphin, <i>Platanista gangetica</i>	Platanistidae	A*
	Margin	LR: Common Short-beaked Dolphin, <i>Delphinus delphis</i>	Delphinidae	Z

**2013 December 10** (Various Fauna) (MS of 4 & SS of 1)

2590a	20000d	Polar Bear, <i>Ursus maritimus</i> (adult walking)	Ursidae	A*
2590b	20000d	Polar Bear, <i>Ursus maritimus</i> (adult & juvenile)	Ursidae	A*
2590c	20000d	Polar Bear, <i>Ursus maritimus</i> (two adults)	Ursidae	A*
2590d	20000d	Polar Bear, <i>Ursus maritimus</i> (adult resting)	Ursidae	A*
2590		MS of 4 (Sc#2590a-d) Polar Bears		
2607	SS 79000d	Polar Bear, <i>Ursus maritimus</i>	Ursidae	A*
	Margin	R & Bot: same species	Ursidae	Z*



**ST THOMAS & PRINCE IS.** (cont) **2013 December 10** (Various Fauna) (MS of 4 & SS of 1)

2591a	20000d	Western Gorilla, <i>Gorilla gorilla</i> (adult & juvenile)	Hominidae	A
2591b	20000d	Western Gorilla, <i>Gorilla gorilla</i> (standing)	Hominidae	A
2591c	20000d	Western Gorilla, <i>Gorilla gorilla</i> (sitting)	Hominidae	A
2591d	20000d	Eastern Gorilla, <i>Gorilla beringei</i> (adult & juvenile)	Hominidae	A
2591		MS of 4 (Sc#2591a–d) Gorillas		
2608	SS 79000d	Eastern Gorilla, <i>Gorilla beringei graueri</i>	Hominidae	A
	Margin	UR: Western Gorilla, <i>Gorilla gorilla</i> (adult & juvenile)	Hominidae	Z
		LR & LL: Western Gorilla, <i>Gorilla gorilla</i>	Hominidae	Z
2592a	20000d	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A*
2592d	20000d	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A*
2592		MS of 4 (Sc#2592a–d) Marine Life		

**SAMOA** **2014 January 10** (Endangered Marine Life and Reptiles) (Set of 12)

1167	50s	Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae	A*
------	-----	--	--------------	----

**SINGAPORE** **2013 July 13** (Our City in a Garden)

1608	(26c)	Sunda Pangolin, <i>Manis javanica</i>	Manidae	C
1611	\$1.10	Smooth-coated Otter, <i>Lutrogale perspicillata</i>	Mustelidae	C

**SOLOMON ISLANDS** **2012 June 5** (Bats, Dolphins, Whales) (MS of 4 & attached SS of 1)

Sc#1158a and Sc#1158d captioned *Balaenoptera edeni*, and Sc#1158b captioned *Megaptera novaeangliae* have had the species names switched.

1156a	\$9	Large-footed Myotis, <i>Myotis adversus</i> (Denom in black)	Vespertilionidae	(new) A*
1156b	\$9	Angulate Pipistrelle, <i>Pipistrellus angulatus</i>	Vespertilionidae	(new) A*
1156c	\$9	Large-footed Myotis, <i>Myotis adversus</i> (Denom in white)	Vespertilionidae	(new) A*
1156d	\$9	Admiralty Flying Fox, <i>Pteropus admiralitatum</i>	Vespertilionidae	(new) A*
1156e	SS \$27	Naked-rumped Pouched Bat, <i>Saccolaimus saccolaimus</i>	Vespertilionidae	(new) A*
	Margin	UL&UR: Naked-rumped Pouched Bat, <i>Saccolaimus saccolaimus</i>	Vespertilionidae	(new) Z*
1157a	\$9	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae	A*
1157b	\$9	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A*
1157c	\$9	Striped Dolphin, <i>Stenella coeruleoalba</i>	Delphinidae	A*
1157d	\$9	Indo-Pacific Humpbacked Dolphin, <i>Sousa chinensis</i>	Delphinidae	A*
1157e	SS \$27	Pantropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae	A*
	Margin	UL: Pantropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae	Z*
		UR: Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae	Z*
		MR: Risso's Dolphin, <i>Grampus griseus</i>	Delphinidae	Z*
		LR: Irawaddy Dolphin, <i>Orcaella brevirostris</i>	Delphinidae	Z*
1158a	\$9	Humpbacked Whale, <i>Megaptera novaeangliae</i> (with calf)	Balaenopteridae	A*
1158b	\$9	Bryde's Whale, <i>Balaenoptera edeni</i>	Balaenopteridae	A*
1158c	\$9	Blainville's Beaked Whale, <i>Mesoplodon densirostris</i>	Ziphiidae	A*
1158d	\$9	Humpbacked Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A*
1158e	SS \$27	Bryde's Whale, <i>Balaenoptera edeni</i>	Balaenopteridae	A*
	Margin	Top: Humpbacked Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	Z*

**SRI LANKA** **2013 July 28** (Wildlife in Yala National Park)

Part of a set of six stamps and three SS. The SS also exist with Thailand 2013 World Stamp Expo ovpt.

1898	25r	Asiatic Elephant, <i>Elaphus maximus</i>	Elephantidae	A*
1899a		SS of 2 (Sc#1898–99)		
	Margin	Top: Asiatic Elephant, <i>Elaphus maximus</i>	Elephantidae	Z*
1900	40r	Wild Boar, <i>Sus scrofa</i>	Suidae	A*
1900a		SS of 2 (Sc#1897 & Sc#1900)		
	Margin	UL: Sloth Bear, <i>Melursus ursinus</i>	Ursidae	Z*

<b>SRI LANKA</b> (continued)		<b>2013 July 28</b> (Wildlife in Yala National Park)		
1901	50r	Chital, <i>Axis axis</i>	Cervidae	A*
1901a		SS of 2 (Sc#1896 & Sc#1901)		
	Margin	Top: Leopard, <i>Panthera pardus</i>	Felidae	Z*
<b>SURINAM</b>		<b>2010 October 20</b> (Primates)		
1407a	(45c)	Gelada Baboon, <i>Theropithecus gelada</i>	Cercopithecidae	A*
1407b	55c	Eastern Gorilla, <i>Gorilla beringei</i>	Hominidae	A*
1407c	\$1	Greater Spot-nosed Monkey, <i>Cercopithecus nictitans</i>	Cercopithecidae	A*
1407d	\$1.50	Peters's Mouse Lemur, <i>Microcebus myoxinus</i>	Cheirogaleidae	(new) A*
1407e	\$2	Lion-tailed Macaque, <i>Macaca silenus</i>	Cercopithecidae	A*
1407f	\$2.50	Ring-tailed Lemur, <i>Lemur catta</i>	Lemuridae	A*
1407g	\$3	Verreaux's Sifaka, <i>Propithecus verreauxi</i>	Indriidae	A*
1407h	\$4	Brown Greater Galago, <i>Otolemur crassicaudatus</i>	Galagonidae	A*
1407i	\$4.50	Black-headed Uacari, <i>Cacajao melanocephalus</i>	Pitheciidae	(new) A*
1407j	\$5	Bonobo, <i>Pan paniscus</i>	Hominidae	A*
1407k	\$6.50	Grey Woolly Monkey, <i>Lagothrix cana</i>	Atelidae	(new) A*
1407l	\$9	White-fronted Capuchin, <i>Cebus albifrons</i>	Cebidae	A*
1407		Block of 12 (Sc#1407a–l)		
<b>TAJIKISTAN</b>		<b>2013 April 22</b> (WWF) (Set of 4 & Sheet of 16 with 4ea Sc#397–400))		
397	4.50s	Mountain Weasel, <i>Mustela altaica</i> (head only)	Mustelidae	(new) A*
398	4.50s	Mountain Weasel, <i>Mustela altaica</i> (standing on rock)	Mustelidae	(new) A*
399	5s	Mountain Weasel, <i>Mustela altaica</i> (carrying prey)	Mustelidae	(new) A*
400	5s	Mountain Weasel, <i>Mustela altaica</i> (two animals)	Mustelidae	(new) A*
<b>TANZANIA</b>		<b>2011 May 16</b> (Tourist Attractions-Serengeti National Park)		
2616	800sh	Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae	A*
2616a		Bklt pane 8 (Sc#2616)		
2617	900sh	Lion, <i>Panthera leo</i>	Felidae	A*
2617a		Bklt pane 8 (Sc#2617)		
		<b>2013 July 7</b> (African Animals) (MS of & SS of 1)		
2688a	2000sh	Burchell's Zebra, <i>Equus quagga</i>	Equidae	A*
2688b	2000sh	Black Rhinoceros, <i>Diceros bicornis</i>	Rhinocerotidae	A*
2688c	2000sh	Hippopotamus, <i>Hippopotamus amphibius</i>	Hippopotamidae	A*
2688d	2000sh	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A*
2688		MS of 4 (Sc#2688a–d)		
2689	SS 5500sh	Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae	A*
<b>TONGA</b>		<b>2013 September 26</b> (Giant Pandas) (MS of 5)		
1225a	2.50pa	Giant Panda, <i>Ailuropoda melanoleuca</i> (sitting under tree)	Ursidae	A*
1225b	2.50pa	Giant Panda, <i>Ailuropoda melanoleuca</i> (in snow)	Ursidae	A*
1225c	2.50pa	Giant Panda, <i>Ailuropoda melanoleuca</i> (chewing stick)	Ursidae	A*
1225d	2.50pa	Giant Panda, <i>Ailuropoda melanoleuca</i> (face only)	Ursidae	A*
1225e	2.50pa	Giant Panda, <i>Ailuropoda melanoleuca</i> (eating bamboo)	Ursidae	A*
	Margin	LR: Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	Z*
<b>UNITED ARAB EMIRATES</b>		<b>2013 August 26</b> (Oryxes) (Set of 3 & SS)		
1089	1d	Arabian Oryx, <i>Oryx leucoryx</i>	Bovidae	A*
1090	150f	Arabian Oryx, <i>Oryx leucoryx</i>	Bovidae	A*
1091	3d	Arabian Oryx, <i>Oryx leucoryx</i>	Bovidae	A*
1092	SS 15d	Arabian Oryx, <i>Oryx leucoryx</i>	Bovidae	A*



# ORNITHOLOGY

Editor

Glenn G. Mertz, BU1455

Updates and Corrections



## CHINA (Taiwan) – Vol. 62(4), p.278

**Update:** When I listed this issue, I listed ten birds on this \$70 SS (Sc#4078). Another five birds were identified on the sheet. They are as follows:

Oriental Skylark, <i>Alauda gulgula</i>	Alaudidae	Vol.62(1)
Arctic Warbler, <i>Phylloscopus borealis</i>	Phylloscopidae	Vol.62(1)
Slaty-blue Flycatcher, <i>Ficedula tricolor</i>	Muscicapidae	Vol.62(1)
Siberian Blue Robin, <i>Larvivora cyane</i>	Muscicapidae	Vol.62(1)
Chestnut-cheeked Starling, <i>Sturnus philippensis</i>	Sturnidae	Vol.62(1)

## GUINEA – Vol. 63(1), p.30

**Update:** The correct date of issue was 8/15/13, not 8/8/13. In addition, a SS was also issued that has not yet been assigned a Scott number.

N/A SS 40000fr Martial Eagle, *Polemaetus bellicosus* Accipitridae

## MOZAMBIQUE – Vol. 62(1), p.28

**Update:** The SS (Sc#2640) has the following birds in the margins:

LL: Hawaii Mamo, <i>Drepanis pacifica</i>	Drepanididae	Vol.62(1)
MR: Stephens Island Wren, <i>Xenicus lyalli</i>	Acanthisittidae	Vol.62(1)

## REUNION ISLAND – Vol. 61(1), p.53

**Update:** Chuck Braun listed a Reunion Stonechat as a new bird in the aviary in Vol. 61(1) as a priority mail issue in 2011 by France, but I could find no listing of an assigned number by Scott Publishing. I inquired to Martin J. Frankevicz, New Issues Editor at Scott Publishing. He stated, “This is an example of France Sc#3362, one of zillions of different pictures used within the frame of this personalized stamp.” I believe I wrote about their policy regarding personalized stamps in a prior article but cannot locate it.

## ST. THOMAS & PRINCE ISLAND – Vol. 60(3), p.91

**Update:** In addition to new issues listed in this edition previously not reported, Scott Publishing has assigned numbers to remaining issues I listed in Vol. 60(3) on page 91. Sc#2378a and Sc#2378d have been assigned to the first issue on the page and Sc#2391a–d for the set of owls issued 2/25/2011.

## SURINAME – Vol. 62(3), p.191

**Update:** Sc#1450g, Palm Tanager—add Vol.62(2) after the listing.



## New Issues

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>ANDORRA (French) 2014 March 5 A*</b>				
A single stamp. Designer: Laverone. Engraved by Philapost.				
729	66c	Eurasian Blue Tit, <i>Cyanistes caeruleus</i>	Paridae	
<b>ANTIGUA 2013 November 18 A*</b>				
A sheet of four se-tenant stamps (Sc#3228a–d) that contains no birds and a SS that has a bird, for “Animals of South America.” The stamps are listed with country name “Antigua and Barbuda” and also have the emblem for Brasiliana, 2013, held in Rio de Janeiro, in the selvage on each of the stamps.				
3229	SS \$9.00	Toco Toucan, <i>Ramphastos toco</i>	Ramphastidae	
<b>ARGENTINA 2013 October 19 A*</b>				
A set of four stamps, each featuring a bird species. Offset.				
2686	4p	Rufous Hornero, <i>Furnarius rufus</i>	Furnariidae	
2687	4p	Hooded Grebe, <i>Podiceps gallardoi</i>	Podicipedidae	
2688	4p	Magellanic Woodpecker, <i>Campephilus magellanicus</i>	Picidae	
2689	4p	Yellow Cardinal, <i>Gubernatrix cristata</i>	Emberizidae	
<b>2014 April 14 A*</b>				
A horizontal sheet of four stamps (Sc#2725a–d) with each stamp a different width for Flora and Fauna of the Iguazu Falls Area, but only one stamp features a bird.				
2725c	\$10.00	Toco Toucan, <i>Ramphastos toco</i>	Ramphastidae	
<b>ARUBA 2013 November 12 A*</b>				
A block of ten stamps (Sc#432a–j) of Nature Photography with two stamps featuring birds.				
432a	120c	Blue-tailed Emerald, <i>Chlorostilbon mellisugus</i> (Photo by Eddie Thode)	Trochilidae	
432e	120c	Burrowing Owl, <i>Athene cunicularia</i> (Photo by Joost Horward)	Strigidae	
<b>2013 December 16 A*</b>				
A block of eight se-tenant stamps (Sc#433a–h) showing forest animals with two stamps featuring birds.				
433c	175c	Scarlet Macaw, <i>Ara macao</i>	Psittacidae	
433g	175c	Keel-billed Toucan, <i>Ramphastos sulfuratus</i>	Ramphastidae	
<b>ARUBA 2014 April 24 A*</b>				
A block of ten se-tenant stamps, all birds.				
437a	250c	Blue Bird-of-paradise, <i>Paradisaea rudolphi</i>	Paradisaeidae	
437b	250c	Superb Bird-of-paradise, <i>Lophorina superba</i>	Paradisaeidae	
437c	250c	Twelve-wired Bird-of-paradise, <i>Seleucidis melanoleucus</i>	Paradisaeidae	
437d	250c	Greater Bird-of-paradise, <i>Paradisaea apoda</i>	Paradisaeidae	
437e	250c	Lesser Bird-of-paradise, <i>Paradisaea minor</i>	Paradisaeidae	
437f	250c	Blue Bird-of-paradise, <i>Paradisaea rudolphi</i>	Paradisaeidae	
437g	250c	Victoria’s Riflebird, <i>Ptiloris victoriae</i>	Paradisaeidae	Vol.63(2)
437h	250c	King Bird-of-paradise, <i>Cicinnurus regius</i>	Paradisaeidae	
437i	250c	Wilson’s Bird-of-paradise, <i>Cicinnurus respublica</i>	Paradisaeidae	
437j	250c	Carola’s Parotia, <i>Parotia carolae</i>	Paradisaeidae	

**AUSTRIA** **2014 May 16** **A\***

A single stamp designed by K. Lubach.

2500 170c Eurasian Woodcock, *Scolopax rusticola* Scolopacidae

**AZERBAIJAN** **2013 November 15** **A\***

Two sheets of four se-tenant stamps each (Sc#1040a–d and Sc#1041a–d) of Wildlife in Hirkan National Park. Sc#1040 does not feature any birds. Sc#1041a–d are all birds.

1041a 20g Great Spotted Woodpecker, *Dendrocopos major* Picidae  
 1041b 30g Black Stork, *Ciconia nigra* Ciconiidae  
 1041c 50g Dalmatian Pelican, *Pelecanus crispus* Pelecanidae  
 1041d 60g Marbled Teal, *Marmaronetta angustirostris* Anatidae

**2014 May 7** **A\***

A sheet of five se-tenant stamps (Sc#1057a–e) with a label designation the issue for International Dialogue for Environmental Action, with one stamp featuring a bird.

1057c 30g Imperial Eagle, *Aquila heliaca* Accipitridae

**BANGLADESH** **2013 January 13** **A\***

A sheet of eight se-tenant stamps, for Migratory Birds of Bangladesh. Designer: Enam Ul Haque. Offset by Bangladesh Security Printer.

809a 10t Bar-headed Goose, *Anser indicus* Anatidae  
 809b 10t Red-crested Pochard, *Netta rufina* Anatidae  
 809c 10t Eurasian Curlew, *Numenius arquata* Scolopacidae  
 809d 10t Chestnut-winged Cuckoo, *Clamator coromandus* Cuculidae  
 809e 10t Eurasian Kestrel, *Falco tinnunculus* Falconidae  
 809f 10t Siberian Rubythroat, *Calliope calliope* Muscipidae  
 809g 10t Citrine Wagtail, *Motacilla citreola* Motacillidae Vol.62(1)  
 809h 10t Black Stork, *Ciconia nigra* Ciconiidae

**BELARUS** **2013 September 10** **C\***

A set of four stamps se-tenant on a SS (Sc#874–77) for edible mushrooms, with one stamp featuring a bird. The four stamps have letters “M” and “N” alternating on the sheet.

877 (5500r) Common Redstart, *Phoenicurus phoenicurus* Muscipidae  
 877a SS of 8 (2ea Sc#874–77)

**2014 March 11** **A\***

A single stamp for Bird of the Year. Stamp has the letter “N.”

893 (5000r) Common Cuckoo, *Cuculus canorus* Cuculidae

**2014 May 14** **A\***

SS of two (Sc#904a–b) for Biotopes of Belarus Bogs, with one stamp featuring a bird. Both have the letter “P.”

904a (8000r) Black Grouse, *Tetrao tetrix* Phasianidae

**BERMUDA** **2014 May 15** **A\***

A set of four stamps depicting bluebirds.

1075 35c Eastern Bluebird, *Sialia sialis* (male perched on branch) Turdidae  
 1076 85c Same bird, female in nest  
 1077 1.10 Same bird, male at entrance to bird box  
 1078 1.25 Same bird, male & female at bird box

**CHINA (Taiwan) 2014 February 10 A\***

A sheet with a block of four se-tenant stamps and a SS of a pheasant.

4158a	\$5	Swinhoe's Pheasant, <i>Lophura swinhoii</i> (immature male)	Phasianidae
4158b	\$5	Same bird, head of mature male	Phasianidae
4158c	\$10	Same bird, chicks	Phasianidae
4158d	\$10	Same bird, hen and chicks	Phasianidae
4159	SS \$25	Same bird, male and female	Phasianidae

**ECUADOR 2013 November 21 B\***

Three stamps (Sc#2109a–c) in a horizontal strip for the 25th Anniversary of Ecuador's Presence in the Antarctic. One stamp features a bird.

2109a	50c	Gentoo Penguin, <i>Pygoscelis papua</i>	Spheniscidae
-------	-----	---	--------------

**ESTONIA 2014 March 20 A\***

A single stamp of a kingfisher.

755	45c	Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae
-----	-----	---	-------------

**FALKLAND ISLAND 2014 March 25 A\***

A set of four stamps (Sc#1110–13) of Penguins, Predators, and Prey Part 3, with two stamps featuring birds.

1110	30p	King Penguin, <i>Aptenodytes patagonicus</i>	Spheniscidae
1113	1.20£	Same bird, different presentation	

**FRANCE 2010 February 27 B\***

A booklet of twelve stamps (Sc#3782–93) for "Protection of Water." The stamps are in s/a format and listed as "Lettre prioritaire." Designer: Challet. Printed by Philapost. Only one stamp has a bird. **Note:** Another bird is on this same stamp, but is not identifiable due to being covered in oil—this stamp is titled "Black Tide" Maree Noire.

3783	(56c)	Black-headed Gull, <i>Chroicocephalus ridibundus</i>	Laridae
------	-------	--	---------

**2010 June 12 B\***

A single stamp to herald the launch of Soyuz space flights from Guinea. Designer: Ducros. Offset by Philapost. Also issued in s/a format.

3827	85c	Keel-billed Toucan, <i>Ramphastos sulfuratus</i>	Ramphastidae
3828	85c	Same bird, in s/a format	

**2011 April 11 C\***

A single stamp for tourism titled "Angers Maine-et-Loire" that features swans. Designer: Lavergne. Offset by Philapost.

3987	58c	Mute Swan, <i>Cygnus olor</i>	Anatidae
------	-----	-------------------------------	----------

**2013 May 31 C\***

A sheet of two stamps (Sc#4405a–b) for the Works of Andre Le Notre (1613-1700), Landscape Architect for King Louis XVI, of the fountains and gardens at Versailles and Chantilly, with the gardens of Chantilly featuring swans.

4405b	€2.55	Mute Swan, <i>Cygnus olor</i>	Anatidae
4405c		Sheet of 2 (Sc#4405a–b)	

**FRENCH SOUTHERN & ANTARCTIC TERR. 2014 January 2 A\***

A sheet of four stamps, not se-tenant format, all birds.

503a	66c	Cape Petrel, <i>Daption capense</i>	Procellariidae
503b	66c	King Penguin, <i>Aptenodytes patagonicus</i>	Spheniscidae
503c	€1.05	Southern Fulmar, <i>Fulmarus glacialisoides</i>	Procellariidae
503d	€1.55	Wandering Albatross, <i>Diomedea exulans</i>	Diomedidae



**FRENCH SOUTHERN & ANTARCTIC (cont) 2014 January 14 C\***

A single stamp to honor Louis Jacquinot, Minister of Overseas France. Engraved by Philapost.

493 66c Emperor Penguin, *Aptenodytes forsteri* Spheniscidae

**GRENADA 2014 January 20 A\***

A sheet of four se-tenant stamps (Sc#3948a–d) for Animals in China, with two stamps featuring a bird.

3948b \$3.25 Crested Ibis, *Nipponia nippon* Threskiornithidae

3948c \$3.25 Golden Pheasant, *Chrysolophus pictus* Phasianidae

**GUINEA 2013 April 30 A\***

More stamp issues generated by this country or their agent that have yet to be listed in the Scott Stamp Catalogue.

A sheet of three se-tenant stamp of owls and a SS. [Ed. note: Michel Catalog lists these as Mi#9729–32.]

N/A 10000fr Tawny Owl, *Strix aluco* Strigidae

N.A 15000fr Short-eared Owl, *Asio flammeus* Strigidae

N/A 20000fr Little Owl, *Athene noctua* Strigidae

Long-eared Owl, *Asio otus* Strigidae

N/A SS 40000fr Northern Hawk-Owl, *Surnia ulula* Strigidae

Margin Little Owl, *Athene noctua* Strigidae

**2011 May 10 B\***

A sheet of six stamps for 150th anniversary for Explorers, with three stamps featuring birds as part of the portrait.

[Ed. note: Michel Catalog lists this sheet as Mi#8367–72.]

N/A 5000fr Razorbill, *Alca torda* Alcidae

N/A 10000fr Snowy Owl, *Bubo scandiacus* Strigidae

N/A 10000fr Cackling Goose, *Branta hutchinsii* Anatidae

**GUINEA-BISSAU 2012 April 10 B\***

Another slew of issues by this country to join the backlog awaiting listing by Scott Publishing going back to 1991.

This listing runs from April 2012 to February 2014. A sheet of four se-tenant stamps and a SS of seabirds and lighthouses. [Ed. note: Michel Catalog lists this set as Mi#5852–56.]

N/A 500fr Audouin's Gull, *Ichthyaetus audouinii* (Cap: *Larus*) Laridae

N/A 500fr Sandwich Tern, *Thalasseus sandvicensis* Laridae

N/A 500fr Common Tern, *Sterna hirundo* Laridae

N/A 500fr Whiskered Tern, *Chlidonias hybrida* Laridae

N/A SS 2000fr Sandwich Tern, *Thalasseus sandvicensis* Laridae

Margin Same bird

**2012 April 10 A\***

A sheet of four se-tenant stamps and a SS for Water Birds. [Ed. note: Michel Catalog lists this set as Mi#5857–61.]

N/A 500fr Glossy Ibis, *Plegadis falcinellus* Threskiornithidae

N/A 500fr Common Snipe, *Gallinago gallinago* Scolopacidae

N/A 500fr Common Greenshank, *Tringa nebularis* Scolopacidae

N/A 500fr Garganey, *Anas querquedula* Anatidae

N/A SS 2000fr Great White Pelican, *Pelecanus onocrotalus* Pelecanidae

Margin R: Greater Flamingo, *Phoenicopterus roseus* Phoenicopteridae

**GUINEA-BISSAU (continued) 2012 May 25 A\***

A sheet of four stamps and a SS of hummingbirds. [Ed. note: Michel Catalog lists this set as Mi#6022–26.]

N/A	750fr	Gray-tailed Mountain-gem, <i>Lampornis cinereicauda</i> (now ssp. of White-throated Mountain-gem, <i>L. castaneiventris</i> )	Trochilidae Trochilidae	Vol.62(3)
N/A	750fr	Tyrian Metaltail, <i>Metallura tyrianthina</i>	Trochilidae	Vol.62(3)
N/A	750fr	Purple-throated Mountain-gem, <i>Lampornis calolaemus</i>	Trochilidae	Vol.62(3)
N/A	750fr	Racket-tailed Coquette, <i>Discosura longicaudus</i>	Trochilidae	
N/A	SS 3500fr	Fawn-breasted Brilliant, <i>Heliodoxa rubinoides</i>	Trochilidae	Vol.62(3)
	Margin	UR: Scaled Metaltail, <i>Metallura aeneocauda</i>	Trochilidae	Vol.62(3)
		LL: Fiery-billed Awlbill, <i>Avocettula recurvirostris</i>	Trochilidae	<b>new</b>

**2012 May 25 A\***

A sheet of four stamps and SS for Global Warming, but only one stamp features a bird. [Ed. note: Michel Catalog lists these as Mi#6038 and Mi#6041.]

N/A	800fr	Snow Petrel, <i>Pagodroma nivea</i>	Procellariidae	
N/A	SS 3000fr	Snowy Owl, <i>Bubo scandiacus</i>	Strigidae	
	Margin	LL: Ivory Gull, <i>Pagophila eburnea</i>	Laridae	

**2012 July 12 A\***

A sheet of four stamps and a SS of owls. [Ed. note: Michel Catalog lists this set as Mi#6057–61.]

N/A	500fr	Spot-bellied Eagle-Owl, <i>Bubo nipalensis</i>	Strigidae	Vol.62(1)
N/A	500fr	Australasian Grass-Owl, <i>Tyto longimembris</i>	Tytonidae	
N/A	500fr	Laughing Owl, <i>Sceloglaux albifacies</i> (extinct)	Strigidae	Vol.62(1)
N/A	500fr	Eurasian Eagle-Owl, <i>Bubo bubo</i>	Strigidae	
N/A	SS 2000fr	Sooty Owl, <i>Tyto tenebricosa</i>	Tytonidae	
	Margin	R: Laughing Owl, <i>Sceloglaux albifacies</i>	Strigidae	

**2012 July 16 A\***

A sheet of four stamps and a SS of raptors. [Ed. note: Michel Catalog lists this set as Mi#6077–81.]

N/A	650fr	White-tailed Eagle, <i>Haliaeetus albicilla</i>	Accipitridae	
N/A	650fr	Eurasian Marsh-Harrier, <i>Circus aeruginosus</i>	Accipitridae	
N/A	650fr	Peregrine Falcon, <i>Falco peregrinus</i>	Falconidae	
N/A	650fr	White-backed Vulture, <i>Gyps africanus</i>	Accipitridae	
N/A	SS 3000fr	Lappet-faced Vulture, <i>Torgos tracheliotus</i>	Accipitridae	
	Margin	UL: Steppe Eagle, <i>Aquila nipalensis</i>	Accipitridae	
		LR: Eurasian Griffon, <i>Gyps fulvus</i>	Accipitridae	

**2012 October 31 A\***

A sheet of four se-tenant stamps and a SS of kingfishers. [Ed. note: Michel Catalog lists this set as Mi#6252–56.]

N/A	750fr	Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae	
		Principe Kingfisher, <i>Corythornis cristatus nais</i>	Alcedinidae	
N/A	750fr	Blue-breasted Kingfisher, <i>Halcyon malimbica</i>	Alcedinidae	
N/A	750fr	Lilac-cheeked Kingfisher, <i>Cittura cyanotis</i>	Alcedinidae	<b>new</b>
N/A	750fr	Collared Kingfisher, <i>Todiramphus chloris</i>	Alcedinidae	
N/A	SS 2900fr	Ring Kingfisher, <i>Megaceryle torquata</i>	Alcedinidae	
	Margin	L: Blue-winged Kookaburra, <i>Dacelo leachii</i>	Alcedinidae	

**GUINEA-BISSAU (continued) 2012 October 31 A\***

A sheet of four se-tenant stamps of extinct parrots. [Ed. note: Michel Catalog lists this sheet as Mi#6275–78.]

N/A	850fr	R: Mascarene Parrot, <i>Mascarinus mascarinus</i>	Psittacidae	
		L: Guadeloupe Parrot, <i>Amazona violacea</i>	Psittacidae	
(No entry in Clements for the above species in the listing of extinct species, or in the family of existing parrots.)				
N/A	850fr	L: Black-front Parakeet, <i>Cyanoramphus zealandicus</i>	Psittacidae	
		R: Cuban Macaw, <i>Ara tricolor</i>	Psittacidae	
N/A	850fr	Norfolk Island Kaka, <i>Nestor productus</i>	Psittacidae	
N/A	850fr	L: Seychelles Parrot, <i>Psittacula wardi</i>	Psittacidae	
		R: Martinique Parrot, <i>Amazona martinicana</i>	Psittacidae	
(No entry in Clements for the above species in the listing of extinct species, or in the family of existing parrots.)				

**2012 October 31 A\***

A sheet of four se-tenant stamps for passerine birds now extinct. [Ed. note: Michel Catalog Mi#6298–6301.]

N/A	900fr	Kākāwahie, <i>Paroreomyza flamea</i>	Drepanididae	Vol.62(3)
N/A	900fr	Hawai'i 'Ō'ō, <i>Moho nobilis</i>	Meliphagidae	
N/A	900fr	Huia, <i>Heteralocha acutirostris</i>	Callaeidae	
N/A	900fr	Bachman's Warbler, <i>Vermivora bachmanii</i>	Parulidae	Vol.62(3)

**2012 December 20 A\***

A four-stamp sheet for Diaoyu Islands with one stamp featuring a bird. [Ed. note: Michel Catalog Mi#6334.]

N/A	500fr	Short-tailed Albatross, <i>Phoebastria albatrus</i>	Diomedidae	
-----	-------	---	------------	--

**2012 December 20 B\***

A sheet of four se-tenant stamps, with one stamp featuring a bird. [Ed. note: Michel Catalog Mi#6357.]

N/A	800fr	Yellow-billed Turaco, <i>Tauraco macrorhynchus</i>	Musophagidae	
-----	-------	--	--------------	--

**2013 March 25 A\***

A sheet of five stamps and SS of birds and their eggs. [Ed. note: Michel Catalog lists this set as Mi#6608–13.]

N/A	660fr	Common Chaffinch, <i>Fringilla coelebs</i>	Fringillidae	
N/A	660fr	Eurasian Curlew, <i>Numenius arquata</i>	Scolopacidae	
N/A	660fr	Eurasian Kestrel, <i>Falco tinnunculus</i>	Falconidae	
N/A	660fr	Mew Gull, <i>Larus canus</i>	Laridae	
N/A	660fr	Common Murre, <i>Uria aalge</i>	Alcidae	
	Margin	UL: Red-winged Blackbird, <i>Agelaius phoeniceus</i>	Icteridae	
		UR: Scaly Thrush, <i>Zoothera dauma aurea</i> (ssp. of <i>Z. dauma</i> )	Turdidae	
N/A	SS 2800fr	Northern Lapwing, <i>Vanellus vanellus</i>	Charadriidae	
	Margin	UL: Yellowhammer, <i>Emberiza citronella</i>	Emberizidae	
		UR: Eastern Kingbird, <i>Tyrannus tyrannus</i>	Tyrannidae	
		UR: Cedar Waxwing, <i>Bombycilla cedrorum</i>	Bombycillidae	
		LR: Phainopepla, <i>Phainopepla nitens</i>	Ptilonotidae	new

**2013 May 20 B\***

A sheet of five stamps showing lighthouses and birds. Three of the stamps feature birds. [Ed. note: Michel Catalog lists this set as Mi#6676–81.]

N/A	560fr	Great Crested Tern, <i>Thalasseus bergii</i>	Laridae	
N/A	560fr	Herring Gull, <i>Larus argentatus</i>	Laridae	
N/A	560fr	Ring-billed Gull, <i>Larus delawarensis</i> (also in top margin)	Laridae	
N/A	SS 2000fr	LR: Ring-billed Gull, <i>Larus delawarensis</i>	Laridae	
		Top: Black-headed Gull, <i>Larus ridibundus</i>	Laridae	



**GUINEA-BISSAU (continued)****2013 May 20****A\***

A sheet of five stamps and SS of owls. [Ed. note: *Michel Catalog lists this set as Mi#6682–87.*]

N/A	560fr	Northern Hawk-Owl, <i>Surnia ulula</i>	Strigidae
N/A	560fr	Barred Owl, <i>Strix varia</i>	Strigidae
N/A	560fr	Northern Hawk-Owl, <i>Surnia ulula</i>	Strigidae
N/A	560fr	Northern Saw-whet Owl, <i>Aegolius acadicus</i>	Strigidae
N/A	680fr	L: Great Horned Owl, <i>Bubo virginianus</i>	Strigidae
		R: Long-eared Owl, <i>Asio otus</i>	Strigidae
N/A	SS 2200fr	Little Owl, <i>Athene noctua</i>	Strigidae
	Margin	UL & LR: Burrowing Owl, <i>Athene cucularia</i>	Strigidae
		LL: Great Horned Owl, <i>Bubo virginianus</i>	Strigidae
		UR: Barn Owl, <i>Tyto alba</i>	Tytonidae

**2013 May 20****A\***

A sheet with five stamps titled “Bird Art” and SS with one stamp featuring two birds. A number of birds are in the margin of the sheet. Each stamp has the name of the artist listed above the scientific name of the bird. [Ed. note: *Michel Catalog lists this set as Mi#6670–75.*]

N/A	500fr	White-tufted Sunbeam, <i>Aglaeactis castelnaudii</i> (John Gould)	Trochilidae	Vol.62(4)
N/A	500fr	L: European Starling, <i>Sturnus vulgaris</i> (H.L. Meyer)	Sturnidae	
		R: Lesser Spotted Woodpecker, <i>Dendrocopos minor</i> (Meyer)	Picidae	
N/A	500fr	L: Great Bittern, <i>Botaurus stellaris</i> (H.L. Meyer)	Ardeidae	
		R: Eared Grebe, <i>Podiceps nigricollis</i> (H.L. Meyer)	Podicipedidae	
N/A	500fr	L: Common Crane, <i>Grus grus</i> (H.L. Meyer)	Gruidae	
		R: Black-crowned Night-Heron, <i>Nycticorax nycticorax</i> (Meyer)	Ardeidae	
N/A	500fr	L: Long-tailed Duck, <i>Clangula hyemalis</i> (John Lewin)	Anatidae	
		R: Black Guillemot, <i>Cepphus grille</i> (H.L. Meyer)	Alcidae	
N/A	SS 2000fr	L: Southern Cassowary, <i>Casuarius casuarius</i>	Casuariidae	
		R: Barbary Partridge, <i>Alectoris barbara</i>	Phasianidae	
	Margin	UR: Common House-Martin, <i>Delichon urbicum</i> (John Gould)	Hirundinidae	
		ML: Black-crested Titmouse, <i>Baeolophus atricristatus</i> (Meyer)	Paridae	
		UL: Hummingbird sp. (John Gould)	Trochilidae	
		LR: Pheasant sp. (H.L. Meyer)	Phasianidae	
		LL: Heron sp. (John Lewin)	Ardeidae	

**2013 June 2****A\***

A sheet of four se-tenant stamps and a SS of various raptors. [Ed. note: *Michel Catalog Mi#6808–12.*]

N/A	850fr	White-backed Vulture, <i>Gyps africanus</i>	Accipitridae
N/A	850fr	Yellow-billed Kite, <i>Milvus aegyptius</i> (ssp. of Black Kite, <i>Milvus migrans</i> )	Accipitridae
N/A	850fr	Marsh Owl, <i>Asio capensis</i>	Strigidae
N/A	850fr	Bateleur, <i>Terathopius ecaudatus</i>	Accipitridae

**2013 June 2****A\***

N/A	SS 3000fr	Red Kite, <i>Milvus milvus</i>	Accipitridae
	Margin	LL: Red-necked Falcon, <i>Falco chicquera</i>	Falconidae
		R: Long-crested Eagle, <i>Lophaetus occipitalis</i>	Accipitridae

**2013 June 24****B\***

A sheet of four se-tenant stamps for Boy Scouts and Robert Baden-Powell with one stamp featuring a bird.

N/A	800fr	Osprey, <i>Pandion haliaetus</i>	Pandionidae
-----	-------	----------------------------------	-------------

**GUINEA-BISSAU (continued) 2013 November 18 A\***

A sheet of four se-tenant stamps and a SS featuring owls.

N/A	850fr	Eastern Screech-Owl, <i>Megascops asio</i>	Strigidae
N/A	850fr	Mountain Scops-Owl, <i>Otus spilocephalus</i>	Strigidae
N/A	850fr	Sooty Owl, <i>Tyto tenebricosa</i>	Tytonidae
N/A	850fr	Spectacled Owl, <i>Pulsatrix perspicillata</i>	Strigidae
N/A	SS 2400fr	Snowy Owl, <i>Bubo scandiaca</i>	Strigidae
	Margin	UR & Bot: Great Gray Owl, <i>Strix nebulosa</i>	Strigidae

**2014 February 10 A\***

A sheet of five se-tenant horizontal stamps for the 50th anniversary of the Red Book list, with one stamp featuring a bird and another in the sheet margin.

N/A	650fr	Flores Scops-Owl, <i>Otus alfredi</i>	Strigidae	<b>new</b>
	Margin	LR: Egyptian Vulture, <i>Neophron percnopterus</i>	Accipitridae	

**KAZAKHSTAN 2013 December 25 A\***

A sheet of six se-tenant stamps, all birds of the Steppes.

712a	150te	Sociable Lapwing, <i>Vanellus gregarius</i>	Charadriidae	
712b	150te	Little Bustard, <i>Tetrax tetrax</i>	Otididae	
712c	150te	Steppe Eagle, <i>Aquila nipalensis</i>	Accipitridae	
712d	150te	Eurasian Curlew, <i>Numenius arquata</i>	Scolopacidae	
712e	150te	White-headed Duck, <i>Oxyura leucocephala</i>	Anatidae	
712f	150te	Black Lark, <i>Melanocorypha yeltoniensis</i>	Alaudidae	Vol.63(1)

**2013 December 25 A\***

A sheet of three vertical se-tenant stamps (Sc#713a–c) for Wildlife of the Ustyurt Game Preserve, with one stamp featuring a bird.

713c	190te	Short-toed Eagle, <i>Circaetus gallicus</i>	Accipitridae
------	-------	---	--------------

**KOREA (North) 2011 July 30 B\***

A two-stamp issue for camellias and birds.

5028a	20y	Yellow-billed Grosbeak, <i>Eophona migratoria</i> (Denom: LL)	Fringillidae
5028b	20y	Same bird (Denom: UR)	Fringillidae

**LITHUANIA 2014 April 5 A\***

Two stamps of owls from Red Book of Lithuania.

1022	2L	Barn Owl, <i>Tyto alba</i>	Tytonidae
1023	3L	Eurasian Pygmy-Owl, <i>Glaucidium passerinum</i>	Strigidae

**MONGOLIA 2014 February 15 C\***

A set of five stamps (Sc#2783–87) of flowers with one stamp featuring a bird.

2784	300t	Cinereous Vulture, <i>Aegypius monachus</i>	Accipitridae
------	------	---	--------------

**2014 May 16 A\***

A set of four stamps (Sc#2795–98) for Threatened Species from the Red Book of Mongolia, with two stamps featuring birds.

2796	300t	Mongolian Ground-Jay, <i>Podoces hendersoni</i>	Corvidae
2797	400t	Ring-necked Pheasant, <i>Phasianus colchicus</i>	Phasianidae

**RUSSIA****2013 April 26****C\***

Three stamps (Sc#7441a–c) of historic buildings in center of St. Petersburg UNESCO World Heritage Site, with one stamp featuring flying gulls.

7441b 15r Black-headed Gull, *Chroicocephalus ridibundus* Laridae

**ST. MARTIN****2014 June 18****A\***

A sheet of 12 se-tenant stamps following same format as the issues of 2012 and 2013.

56a 10c Chestnut Woodpecker, *Celeus elegans* Picidae  
 56b 20c Cream-colored Woodpecker, *Celeus flavus* Picidae  
 56c 50c Dark-billed Cuckoo, *Coccyzus melacoryphus* Cuculidae Vol.63(3)  
 56d 70c Black-capped Donacobius, *Donacobius atricapilla*  
 (Cap: *D. atricapillus*) Donacobiidae  
 56e 90c Swallow-tailed Kite, *Elanoides forficatus* Accipitridae  
 56f 100c Swallow-tailed Hummingbird, *Eupetomena macroura* Trochilidae  
 56g 150c Pearl Kite, *Gampsonyx swainsonii* Accipitridae  
 56h 210c Gray-headed Kite, *Leptodon cayanensis* Accipitridae  
 56i 300c Tropical Mockingbird, *Mimus gilvus* Mimidae  
 56j 350c Amazonian Motmot, *Momotus momota* Momotidae  
 56k 400c Golden-olive Woodpecker, *Colaptes rubiginosus* (Cap: *Piculus*) Picidae  
 56l 650c Golden-collared Woodpecker, *Veniliornis cassini* Picidae Vol.64(3)

**ST. THOMAS & PRINCE ISLAND 2011 February 25****A\***

A sheet of four se-tenant stamps.

2381a 31250d Rough-legged Hawk, *Buteo lagopus* (Cap: *B. lagopus lagopus*) Accipitridae  
 2381b 31250d Eurasian Hobby, *Falco subbuteo* (Cap: *F. subbuteo subbuteo*) Falconidae  
 2381c 31250d Golden Eagle, *Aquila chrysaetos* (Cap: *A. chrysaetos chrysaetos*) Accipitridae  
 2381d 31250d Bonelli's Eagle, *Aquila fasciata* (Cap: *Hieraetus fasciatus*) Accipitridae

**2011 March 30****A\***

A sheet of two stamps featuring lighthouses and birds.

2399a 40000d Sooty Tern, *Onychoprion fuscatus* Laridae  
 2399b 40000d Wandering Albatross, *Diomedea exulans* Diomedidae  
 Margin LR: Black-tailed Gull, *Larus crassirostris* Laridae

**2011 March 30****A\***

A sheet with two stamps of owls.

2420a 55000d Pacific Pygmy-Owl, *Glaucidium californicum* Strigidae  
 2420b 55000d Eastern Screech-Owl, *Megascops asio* Strigidae  
 Margin UL: Snowy Owl, *Bubo scandiacus* Strigidae  
 UR: Barn Owl, *Tyto alba* Tytonidae  
 Bot: Northern Saw-whet Owl, *Aegolius acadicus* Strigidae  
 Top: Northern Hawk-Owl, *Surnia ulula* Strigidae

**2013 May 10****A\***

A sheet of four se-tenant stamps and a SS of Fauna of Africana.

2475a 25000d Brown Booby, *Sula leucogaster* Sulidae  
 2475b 25000d Cape Gannet, *Morus capensis* Sulidae  
 2475c 25000d Brown Booby, *Sula leucogaster* Sulidae  
 2475d 25000d Cape Gannet, *Morus capensis* Sulidae  
 2495 SS 96000d Cape Gannet, *Morus capensis* Sulidae  
 Margin UL: Cape Gannet, *Morus capensis* Sulidae  
 LR: Brown Booby, *Sula leucogaster* Sulidae

**ST. THOMAS & PRINCE IS. (cont) 2013 May 10****A\***

A sheet of five se-tenant stamps and a SS of Fauna of Africana.

2476a	25000d	Comb Duck, <i>Sarkidiornis melanotos</i>	Anatidae
2476b	25000d	Lesser Flamingo, <i>Phoenicopterus minor</i>	Phoenicopteridae
2476c	25000d	Greater Flamingo, <i>Phoenicopterus roseus</i>	Phoenicopteridae
2476d	25000d	Fulvous Whistling-Duck, <i>Dendrocygna bicolor</i>	Anatidae
2496	SS 96000d	Greater Flamingo, <i>Phoenicopterus roseus</i>	Phoenicopteridae
	Margin	LR: Greater Flamingo, <i>Phoenicopterus roseus</i>	Phoenicopteridae
		UL: Fulvous Whistling-Duck, <i>Dendrocygna bicolor</i>	Anatidae

**2013 May 10****A\***

A sheet of four se-tenant stamps and a SS of Fauna of Africana.

2477a–d	25000d	Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae
2497	SS 96000d	Same bird	

**2013 May 10****A\***

A sheet of four se-tenant stamps and a SS of Fauna of Africana, all owls.

2478a	25000d	Barn Owl, <i>Tyto alba</i>	Tytonidae
2478b	25000d	L: African Scops-Owl, <i>Otus senegalensis</i> R: Barn Owl, <i>Tyto alba</i>	Strigidae Tytonidae
2478c	25000d	Same two birds as Sc#2478b	
2478d	25000d	L: Barn Owl, <i>Tyto alba</i> R: Sao Tome Scops-Owl, <i>Otus hartlaubi</i>	Tytonidae Strigidae
2498	SS 96000d	L: African Scops-Owl, <i>Otus senegalensis</i> R: Barn Owl, <i>Tyto alba</i>	Strigidae Tytonidae
	Margin	UL & LR: Barn Owl, <i>Tyto alba</i>	Tytonidae

**2013 May 10****C\***

A sheet of four se-tenant stamps (Sc#2483a–d) and a SS of crocodiles, with one stamp featuring a bird and the SS the same bird species.

2483b	25000d	Egyptian Plover, <i>Pluvianus aegyptius</i>	Glareolidae
2503	SS 96000d	Same bird species	

**2013 September 10****A\***

A sheet of four se-tenant stamps (Sc#2551a–d) and a SS of Endangered Animals, with one stamp featuring a bird that is presumably extinct.

2551b	25000d	Ivory-billed Woodpecker, <i>Campephilus principalis</i>	Picidae
2570	SS 96000d	UR: Blue-and-yellow Macaw, <i>Ara ararauna</i>	Psittacidae

**2013 September 10****A\***

A sheet of four se-tenant stamps and a SS of raptors.

2553a	25000d	Osprey, <i>Pandion haliaetus</i>	Pandionidae
2553b	25000d	Barred Owl, <i>Strix varia</i>	Strigidae
2553c	25000d	Peregrine Falcon, <i>Falco peregrinus</i>	Falconidae
2553d	25000d	Red-tailed Hawk, <i>Buteo jamaicensis</i>	Accipitridae
2572	SS 96000d	Barred Owl, <i>Strix varia</i> (also in the margin)	Strigidae



**ST. THOMAS & PRINCE IS. (cont) 2013 September 10**

A\*

A sheet of four se-tenant stamps and a SS, with each stamp showing the Boy Scout trefoil.

2554a	25000d	Eclectus Parrot, <i>Eclectus roratus</i>	Psittacidae
2554b	25000d	Blue-and-yellow Macaw, <i>Ara ararauna</i>	Psittacidae
2554c	25000d	Red-crowned Parrot, <i>Amazona viridigenalis</i>	Psittacidae
2554d	25000d	Sulphur-crested Cockatoo, <i>Cacatua galerita</i>	Cacatuidae
2573	SS 96000d	Red-tailed Black Cockatoo, <i>Calyptorhynchus banksii</i>	Cacatuidae
	Margin	R: Rainbow Lorikeet, <i>Trichoglossus haematodus</i>	Psittacidae

**2013 December 10**

A\*

A sheet of four se-tenant stamps and a SS of Extinct & Endangered Birds.

2594a	20000d	Bonin Wood-Pigeon, <i>Columba versicolor</i> (extinct)	Columbidae	Vol.63(2)
2594b	20000d	Rufous Fantail, <i>Rhipidura rufifrons</i>	Rhipiduridae	
2594c	20000d	Vermilion Flycatcher, <i>Pyrocephalus rubinus</i>	Tyrannidae	
2594d*	20000d	Reunion Gallinule, <i>Porphyrio coerulescens</i>	Rallidae	
2611	SS 79000d	Sunda Lapwing, <i>Vanellus macropterus</i>	Charadriidae	

\* This stamp, with description Reunion Gallinule, was also listed on a stamp of Mozambique. (See Vol. 62(1), p.29, which was originally listed without a Scott number, but was subsequently assigned Sc#2588d. Also see my note under that listing.)

This bird species appears again on this stamp from St. Thomas, and again I double-checked *Clements Checklist of Birds of the World, Sixth Edition* and did not find it under the listing of extinct birds, or under the family Rallidae.

This time I inquired with Thomas S. Schulenberg, Research Associate at Cornell Laboratory of Ornithology. Here is his reply: "Most authorities—not just eBird/Clements—do not recognize this as a species, but Birdlife International considers this to be a valid species, extinct, ca 1730.

Checking the Birdlife International fact sheet number, provided by Mr. Schulenberg, Birdlife states this species was endemic to the island of Reunion and became extinct around 1730 due to hunting by the settlers on Reunion Island. It was previously listed as *Porphyrio coerulescens*, the name on the stamp. It was reported to inhabit montane forest, probably not flightless, but easily hunted, leading to its extinction.

**2013 December 10**

A\*

A sheet of four se-tenant stamps and a SS featuring owls.

2599a	25000d	African Grass-Owl, <i>Tyto capensis</i>	Tytonidae	
2599b	25000d	Verreaux's Eagle-Owl, <i>Bubo lacteus</i>	Strigidae	
2599c	25000d	Sokoke Scops-Owl, <i>Otus ireneae</i>	Strigidae	Vol.63(2)
2599d	25000d	White-browed Owl, <i>Ninox superciliaris</i>	Strigidae	Vol.63(2)
2616	SS 96000d	Pharaoh Eagle-Owl, <i>Bubo ascalaphus</i>	Strigidae	
	Margin	Verreaux's Eagle-Owl, <i>Bubo lacteus</i>	Strigidae	

**TRISTAN DA CUNHA****2014 June 18**

A\*

1019	35p	Gough Island Finch, <i>Rowettia goughensis</i>	Emberizidae	
1020	45p	Dunn's Finch, <i>Nesospiza dunnei</i> (Cap: <i>Nesospiza acunhae dunnei</i> , a ssp. of <i>N. wilkinsi</i> , under Wilkin's Finch)	Emberizidae	
1021	50p	Nightingale Finch, <i>Nesospiza questii</i> (this is a ssp.)	Emberizidae	Vol.63(2)
1022	1.50£	Wilkin's Finch, <i>Nesospiza wilkinsi</i>	Emberizidae	
1023	SS 2£	Nightingale Finch, <i>Nesospiza acunhae</i> (Cap: Inaccessible Finch for Inaccessible Island)	Emberizidae	

## CLEMENTS 2014 UPDATE

### Taxonomic Update

The Clements 2014 taxonomic update was released by Cornell University in August. Changes ranged from a reshuffling of families to minor typographical corrections. The table below shows the revised order of the 234 extant families accepted by Clements Checklist. The names of orders are in bold capital lettering and the names of newly recognized families are in bold. An additional extinct family is listed in brackets. The listing also provides the quantity of families in each order (in parentheses, after the name of each order), and the number of species in each family (in parentheses, after the name of each family).

No.	Family	Members	No.	Family	Members
	<b>STRUTHIONIFORMES</b> (1)			<b>SULIFORMES</b> (4)	
1	Struthionidae	Ostrich (1)	25	Fregatidae	Frigatebirds (5)
	<b>RHEIFORMES</b> (1)		26	Sulidae	Boobies & Gannets (10)
2	Rheidae	Rheas (2)	27	Phalacrocoracidae	Cormorants & Shags (40)
	<b>TINAMIFORMES</b> (1)		28	Anhingidae	Anhingas (4)
3	Tinamidae	Tinamous (47)		<b>PELECANIFORMES</b> (5)	
	<b>CASUARIIFORMES</b> (2)		29	Pelecanidae	Pelicans (8)
43	Casuariidae	Cassowaries (3)	30	Balaenicipitidae	Shoebill (1)
5	Dromaiidae	Emu (3)	31	Scopidae	Hamerkop (1)
	<b>APTERYGIFORMES</b> (1)		32	Ardeidae	Hérons, Egrets, & Bitterns (64)
6	Apterygidae	Kiwis (5)	33	Threskiornithidae	Ibises & Spoonbills (33)
	<b>ANSERIFORMES</b> (3)			<b>ACCIPITRIFORMES</b> (4)	
7	Anhimidae	Screamers (3)	34	Cathartidae	New World Vultures (7)
8	Anseranatidae	<b>Magpie Goose (1) (new)</b>	35	Sagittariidae	Secretary-bird (1)
9	Anatidae	Ducks, Geese, & Waterfowl (164)	36	Pandionidae	Osprey (1)
	<b>GALLIFORMES</b> (5)		37	Accipitridae	Hawks, Eagles, & Kites (243)
10	Megapodiidae	Megapodes (22)		<b>OTIDIFORMES</b> (1)	
11	Cracidae	Guans, Chachalacas, & Curassows (54)	38	Otididae	Bustards (26)
12	Numididae	Guineafowl (6)		<b>MESITORNITHIFORMES</b> (1)	
13	Odontophoridae	New World Quail (33)	39	Mesitornithidae	Mesites (3)
14	Phasianidae	Pheasants, Grouse, & Allies (173)		<b>EURYPYGIFORMES</b> (2)	
	<b>GAVIIFORMES</b> (1)		40	Rhynochetidae	Kagu (1)
15	Gaviidae	Loons (5)	41	Eurypygiidae	Sunbittern (1)
	<b>PODICIPEDIFORMES</b> (1)			<b>GRUIFORMES</b> (6)	
16	Podicipedidae	Grebes (22)	42	Rallidae	Rails, Gallinules, & Coots (141)
	<b>PHOENICOPTERIFORMES</b> (1)		43	Sarothruridae	Flufftails (9)
17	Phoenicopteridae	Flamingos (6)	44	Heliornithidae	Finfoots (3)
	<b>SPHENISCIFORMES</b> (1)		45	Aramidae	Limpkin (1)
18	Spheniscidae	Penguins (18)	46	Psophiidae	Trumpeters (3)
	<b>PROCELLARIIFORMES</b> (4)		47	Gruidae	Cranes (15)
19	Diomedeidae	Albatrosses (15)		<b>CHARADRIIFORMES</b> (19)	
20	Procellariidae	Shearwaters & Petrels (85)	48	Chionidae	Sheathbills (2)
21	Pelecanoididae	Diving-Petrels (4)	49	Pluvianellidae	Magellanic Plover (1)
22	Hydrobatidae	Storm-Petrels (25)	50	Burhinidae	Thick-knees (10)
	<b>PHAETHONTIFORMES</b> (1)		51	Pluvianidae	Egyptian Plover (1)
23	Phaethontidae	Tropicbirds (3)	52	Recurvirostridae	Stilts & Avocets (9)
	<b>CICONIIFORMES</b> (1)		53	Ibidorhynchidae	Ibisbill (1)
24	Ciconiidae	Storks (19)	54	Haematopodidae	Oystercatchers (12)

No.	Family	Members	No.	Family	Members
	<b>CHARADRIIFORMES</b> (continued)			<b>CORACIIFORMES</b> (continued)	
55	Charadriidae	Plovers & Lapwings (67)	93*	Bucorvidae*	Ground-Hornbills (2)
56	Pedionomidae	Plains-wanderer (1)	94	Bucerotidae	Hornbills (59)
57	Thinocoridae	Seedsnipes (4)		<b>GALBULIFORMES</b> (2)	
58	Rostratulidae	Painted-Snipes (3)	95	Bucconidae	Puffbirds (36)
59	Jacanidae	Jacanas (8)	96	Galbulidae	Jacamars (18)
60	Scolopacidae	Sandpipers & Allies (96)		<b>PICIFORMES</b> (7)	
61	Turnicidae	Buttonquail (16)	97	Lybiidae	African Barbets (42)
62	Dromadidae	Crab Plover (1)	98	Megalaimidae	Asian Barbets (34)
63	Glareolidae	Pratincoles & Coursers (17)	99	Capitonidae	New World Barbets (14)
64	Stercorariidae	Skuas & Jaegers (7)	100	Semnornithidae	Toucan-Barbets (2)
65	Alcidae	Auks, Murres, & Puffins (25)	101	Ramphastidae	Toucans (35)
66	Laridae	Gulls, Terns, & Skimmers (99)	102	Indicatoridae	Honeyguides (17)
	<b>PTEROCLIFORMES</b> (1)		103	Picidae	Woodpeckers (230)
67	Pteroclididae	Sandgrouse (16)		<b>CARIAMIFORMES</b> (4)	
	<b>COLUMBIFORMES</b> (1)		104	Cariamidae	Seriemas (2)
68	Columbidae	Pigeons & Doves (329)		<b>FALCONIFORMES</b> (1)	
	<b>CUCULIFORMES</b> (3)		105	Falconidae	Falcons & Caracaras (65)
69	Musophagidae	Turacos (23)		<b>PSITTACIFORMES</b>	
70	Opisthocomidae	Hoatzin (1)	106	Strigopidae	New Zealand Parrots (4)
71	Cuculidae	Cuckoos (145)	107	Cacatuidae	Cockatoos (21)
	<b>STRIGIFORMES</b> (2)		108	<b>Psittaculidae</b>	<b>Old World Parrots (179) (new)</b>
72	Tytonidae	Barn-Owls (18)	109	Psittacidae	New World & African Parrots (167)
73	Strigidae	Owls (207)		<b>PASSERIFORMES</b> (126)	
	<b>CAPRIMULGIFORMES</b> (5)		110	Acanthisittidae	New Zealand Wrens (4)
74	Aegothelidae	Owlet-Nightjars (10)	111	Calyptomenidae	African & Green Broadbills (6)
75	Podargidae	Frogmouths (15)	112	Eurylaimidae	Asian & Grauer's Broadbills (9)
76	Caprimulgidae	Nightjars & Allies (97)	113	Sapayoidae	Sapayoa (1)
77	Nyctibiidae	Potoos (7)	114	Philepittidae	Asities (4)
78	Steatornithidae	Oilbird (1)	115	Pittidae	Pittas (49)
	<b>APODIFORMES</b> (3)		116	Thamnophilidae	Typical Antbirds (232)
79	Apodidae	Swifts (104)	117	Melanopareiidae	Crescentchesters (4)
80	Hemiprocnidae	Treeswifts (4)	118	Conopophagidae	Gnateaters (10)
81	Trochilidae	Hummingbirds (338)	119	Grallariidae	Antpittas (53)
	<b>COLIIFORMES</b> (1)		120	Rhinocryptidae	Tapaculos (57)
82	Coliidae	Mousebirds (6)	121	Formicariidae	Antthrushes (11)
	<b>TROGONIFORMES</b> (1)		122	Furnariidae	Ovenbirds & Woodcreepers (298)
83	Trogonidae	Trogons (44)	123	Tyrannidae	Tyrant Flycatchers (419)
	<b>CORACIIFORMES</b> (11)		124	Oxyruncidae	Sharpbill (1)
84	Todidae	Todies (5)	125	Cotingidae	Cotingas (66)
85	Momotidae	Motmots (13)	126	Pipridae	Manakins (54)
86	Alcedinidae	Kingfishers (95)	127	Tityridae	Tityras & Allies (33)
87	Meropidae	Bee-eaters (28)	128	Menuridae	Lyrebirds (2)
88	Coraciidae	Rollers (12)	129	Atrichornithidae	Scrub-birds (2)
89	Brachypteraciidae	Ground-Rollers (5)	130	Ptilonorhynchidae	Bowerbirds (20)
90	Leptosomidae	Cuckoo-Roller (1)	131	Climacteridae	Australasian Treecreepers (7)
91	Upupidae	Hoopoes (2)	132	Maluridae	Fairywrens (28)
92	Phoeniculidae	Woodhoopoes & Scimitar-bills (8)	133	Meliphagidae	Honeyeaters (183)

No.	Family	Members	No.	Family	Members
	<b>PASSERIFORMES</b> (continued)			<b>PASSERIFORMES</b> (continued)	
134	Dasyornithidae	Bristlebirds (3)	178	Remizidae	Penduline-Tits (12)
135	Pardalotidae	Pardalotes (4)	179	Aegithalidae	Long-tailed Tits (11)
136	Acanthizidae	Thornbills & Allies (64)	180	Sittidae	Nuthatches (27)
137	Pomatostomidae	Pseudo-Babblers (5)	181	Tichodromidae	Wallcreeper (1)
138	Orthonychidae	Logrunners (3)	182	Certhiidae	Treecreepers (11)
139	Cnemophilidae	Satinbirds (3)	183	Troglodytidae	Wrens (82)
140	Melanocharitidae	Berrypeckers & Longbills (10)	184	Poliptilidae	Gnatcatchers (16)
<b>141</b>	<b>Mohouidae</b>	<b>Whiteheads (3) (new)</b>	185	Cinclidae	Dippers (5)
142	Paramythiidae	Tit & Crested Berrypeckers (2)	186	Pycnonotidae	Bulbuls (141)
143	Callaeidae	Wattlebirds (3)	187	Regulidae	Kinglets (6)
144	Notiomystidae	Stitchbird (1)	188	Pnoepygidae	Cupwings (5)
145	Psophodidae	Whipbirds & Wedgebills (5)	189	Macrosphenidae	African Warblers (21)
146	Cinclosomatidae	Quail-thrushes & Jewel-babblers (10)	190	Cettiidae	Bush-Warblers & Allies (36)
147	Platysteiridae	Wattle-eyes & Batises (30)	191	Phylloscopidae	Leaf-Warblers (76)
148	Vangidae	Vangas (39)	192	Acrocephalidae	Reed-Warblers & Allies (61)
149	Malaconotidae	Bushshrikes & Allies (49)	193	Locustellidae	Grassbirds & Allies (60)
150	Machaerirhynchidae	Boatbills (2)	194	Donacobiidae	Donacobius (1)
151	Artamidae	Woodswallows (11)	195	Bernieridae	Malagasy Warblers (11)
152	Cracticidae	Bellmagpies & Allies (13)	196	Cisticolidae	Cisticolas & Allies (147)
153	Pityriaseidae	Bristlehead (1)	197	Sylviidae	Sylviid Warblers (32)
154	Aegithinidae	Ioras (4)	198	Paradoxornithidae	Parrotbills, Wrentit, & Allies (36)
155	Campephagidae	Cuckooshrikes (87)	199	Zosteropidae	Yuhinas, White-eyes, & Allies (130)
156	Neosittidae	Sittellas (2)	200	Timaliidae	Tree- & Scimitar-Babblers & Allies (52)
157	Pachycephalidae	Whistlers & Allies (57)	201	Pellorneidae	Ground Babblers & Allies (56)
<b>158</b>	<b>Oreoicidae</b>	<b>Australo-Papuan Bellbirds (3)</b>	202	Leiothrichidae	Laughingthrushes & Allies (144)
159	Laniidae	Shrikes (32)	203	Promeropidae	Sugarbirds (5)
160	Vireonidae	Vireos, Shrike-Babblers, & Erpornis (62)	204	Irenidae	Fairy-bluebirds (2)
161	Oriolidae	Old World Orioles (35)	205	Hylotiidae	Hyliotas (4)
162	Dicruridae	Drongos (25)	206	Muscicapidae	Old World Flycatchers (313)
163	Rhipiduridae	Fantails (50)	207	Turdidae	Thrushes & Allies (162)
164	Monarchidae	Monarch Flycatchers (98)	208	Mimidae	Mockingbirds & Thrashers (34)
165	Corvidae	Crows, Jays, & Magpies (125)	209	Sturnidae	Starlings (122)
166	Corcoracidae	White-winged Cough & Apostlebird (2)	210	Buphagidae	Oxpeckers (2)
167	Paradisaeidae	Birds-of-paradise (41)	211	Chloropseidae	Leafbirds (11)
168	Petroicidae	Australasian Robins (46)	212	Dicaeidae	Flowerpeckers (47)
169	Picathartidae	Rockfowl (2)	213	Nectariniidae	Sunbirds & Spiderhunters (140)
170	Chaetopidae	Rockjumpers (2)	214	Prunellidae	Accentors (13)
171	Eupetidae	Rail-babbler (1)	215	Motacillidae	Wagtails & Pipits (65)
172	Panuridae	Bearded Reedling (1)	216	Urocynchramidae	Przevalski's Rosefinch (1)
173	Nicatoridae	Nicators (3)	<b>217</b>	<b>Elachuridae</b>	<b>Spotted Elachura (1) (new)</b>
174	Alaudidae	Larks (94)	218	Bombycillidae	Waxwings (3)
175	Hirundinidae	Swallows (86)	219	[Mohouidae]	Hawaiian Honeyeaters (5) [extinct]
176	Stenostiridae	Fairy Flycatchers (9)	220	Ptilogonatidae	Silky-flycatchers (4)
177	Paridae	Tits, Chickadees & Titmice (59)	221	Dulidae	Palmchat (1)



No.	Family	Members	No.	Family	Members
PASSERIFORMES (continued)			PASSERIFORMES (continued)		
222	Hylocitridae	Hylocitrea (1)	229	Cardinalidae	Cardinals & Allies (48)
223	Hypocoliidae	Hypocolius (1)	230	Icteridae	Troupials & Allies (104)
224	Peucedramidae	Olive Warbler (1)	231	Fringillidae	Finches, Euphonias, & Allies (217)
225	Calcariidae	Longspurs & Snow Buntings (6)	232	Passeridae	Old World Sparrows (42)
226	Parulidae	New World Warblers (114)	233	Ploceidae	Weavers & Allies (116)
227	Thraupidae	Tanagers & Allies (386)	234	Estrildidae	Waxbills & Allies (140)
228	Emberizidae	Buntings & New World Sparrows (172)	235	Viduidae	Indigobirds (20)

**Reference:** Clements, J. F., T. S. Schulenberg, M. J. Iliff, D. Roberson, T. A. Fredericks, B. L. Sullivan, and C. L. Wood. 2014. *The eBird/Clements checklist of birds of the world: Version 6.9*. Downloaded from <http://www.birds.cornell.edu/clementschecklist/download/>

### Changes Affecting Birds on Stamps

Change the range of Herald Petrel to Tonga and French Polynesia to Easter Island.

Change Gray Nightjar to Palau Nightjar, *Caprimulgus phalaena*, Range: Palau Islands.

#### Psittaculidae (Old World Parrots)

Old-world parrots, hanging-parrots, lorikeets, lories, lovebirds, and allies have been placed in this new family, which includes genera: *Psittichas*, *Mascarinus*, *Micropsitta*, *Polytelis*, *Alisterus*, *Aprosmictus*, *Prioniturus*, *Eclectus*, *Geoffroyus*, *Psittinus*, *Psittacula*, *Psittacella*, *Tanygnathus*, *Pezoporus*, *Neopsittacus*, *Neophema*, *Lathamus*, *Prosopeia*, *Eunymphicus*, *Cyanoramphus*, *Barnardius*, *Platycercus*, *Northiella*, *Psephotus*, *Purpureicephalus*, *Cyclopsitta*, *Psittaculirostris*, *Bolbopsittacus*, *Melopsittacus*, *Oreopsittacus*, *Charmosyna*, *Phigys*, *Vini*, *Chalcopsitta*, *Lorius*, *Glossopsitta*, *Psitteuteles*, *Eos*, *Pseudeos*, *Trichoglossus*, *Loriculus*, and *Agapornis*.

Red-bellied Pitta has been split. The Papua New Guinea stamp shows a new species, New Ireland Pitta, *Erythropitta exima* (see New Birds listing).

Change Giant Honeyeater to Chattering Giant-Honeyeater.

Yellowhead is now in a new family, **Mohouidae** (Whiteheads).

Golden Whistler has been split into several species. The Fiji stamp shows a White-throated Whistler, *Pachycephala vitiensis*. The Micronesia stamp shows a Fiji Whistler, *Pachycephala graeffii*.

Change Mascarene White-eye to Mauritius Gray White-eye.

Cinnamon-breasted Bunting has been split. Ghana, 1989, 600c is now a new species Gosling's Bunting, *Emberiza goslingi*.

## NEW BIRDS IN THE PHILATELIC AVIARY

Charles E. Braun, BU1364

### Corrections

In Vol. 62(1), p.50, the correct scientific name of Oriental Skylark is *Alauda gulgula*.

### New Birds



#### CHATHAM ISLANDS SHAG, *Phalacrocorax onslowi* Phalacrocoracidae

New Zealand, 2014 September 3, not yet cataloged, \$2

Length: 23 inches, sexes alike, resident. Black above and white below with a large white wing patch.

Habitat: Marine, near the coast.

Range: Chatham Islands, east of New Zealand.

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



#### WHITE-BELLIED HERON, *Ardea insignis* Ardeidae

Bhutan, 2014 October 4, not yet cataloged, 50nu

Length: 51 inches, sexes alike, resident. Dark with a white belly.

Habitat: Inland swamps and forested rivers.

Range: Eastern Himalayas from northeastern India to Myanmar.

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



#### PERUVIAN THICK-KNEE, *Burhinus superciliaris* Burhinidae

Peru, 2014 October, not yet cataloged, 900p

Length: 15 to 17 inches, sexes alike, resident. Gray and brown above and white below with a rufous neck.

Habitat: Dry areas.

Range: Extreme southwestern Ecuador to southwestern Peru.

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



#### PERUVIAN PYGMY-OWL, *Glaucidium peruanum* Strigidae

Peru, 2014 October, not yet cataloged, 900p

Length: 6 to 7 inches, sexes alike, resident. Finely spotted brown above and sides of breast and streaked white below.

Habitat: Woodland, thickets, and parks.

Range: Western Ecuador to northwestern Chile.

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



**FIERY-TAILED AWLBILL, *Avocettula recurvirostris*** Trochilidae  
Guinea-Bissau, 2012 May 25, Mi#6026, SS 3500fr (LL margin)

Length: 3 to 4 inches, resident. The male (shown) is green with a black belly. The female has a white belly and side stripes.

Habitat: Open savanna near granite outcrops in primary forest.

Range: Southeastern Venezuela to north-central Brazil, eastern Ecuador.

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



**GOLDEN-TAILED SAPPHIRE, *Chrysuronia oenone*** Trochilidae

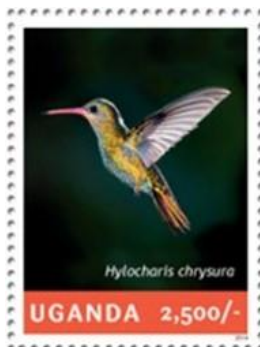
St. Thomas and Prince, 2014 September 15, not yet cataloged, 25000d

Length: 4 inches, resident. The male (shown) is green with a violet blue head and copper-bronze tail. The female has a green head and a green-spotted white throat.

Habitat: Forest, plantations, and gardens.

Range: Northern Venezuela to northern Bolivia and western Brazil.

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



**GILDED HUMMINGBIRD, *Hylocharis chrysura*** Trochilidae

Uganda, 2014, not yet cataloged, 2500s

Length: 3 to 4 inches, sexes similar, resident. Iridescent golden-green with a black-tipped coral-red bill.

Habitat: Savannas, gardens, and plantations.

Range: Bolivia to central Argentina.

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



**BUFF-WINGED STARFRONTLET, *Coeligena lutetiae*** Trochilidae

Uganda, 2014, not yet cataloged, 2500s

Length: 6 inches, resident. The male (shown) is velvety-black above and green below with cinnamon-buff wing patches and a violet throat. The female has a cinnamon-buff throat

Habitat: Cloud forest and montane woodland.

Range: Columbia to northern Peru,

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



**PURPLE-BIBBED WHITETIP, *Urosticte benjamini*** Trochilidae

Togo, 2014 September 15, not yet cataloged, 750fr

Length: 3.5 inches, resident. The male (shown) is glittering green with a purple bib and white rump. The female has a green-spotted white breast and a green rump.

Habitat: Forest and forest borders.

Range: Western Columbia to Peru.

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



**VOLCANO HUMMINGBIRD. *Selasphorus flammula*** Trochilidae

St. Thomas and Prince, 2014 September 15, not yet cataloged, 25000d

Length: 3 inches, resident. The male (shown) is bronzy-green above and white below with a bright gorget. The bird shown is subspecies *sordida* with a grayish gorget. Other subspecies have mauve-purple, red, or green gorgets. The female has a black-spotted gorget.

Habitat: Open bushy areas on mountain slopes.

Range: Central Costa Rica to western Panama.

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



**LILAC-CHEEKED KINGFISHER, *Cittura cyanotis*** Alcedinidae

Guinea-Bissau, 2012 October 31, not yet cataloged, 750fr

Length: 11 inches, resident. The male (shown) is brown above and white below with a lilac mask and upper wing coverts. The female has a black mask and wings.

Habitat: Forest and plantations.

Range: Northern Sulawesi and nearby islands.

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



**FOREST WOODHOPOE, *Phoeniculus castaneiceps*** Phoeniculidae

Ivory Coast, 2014 March 10, not yet cataloged, 350fr

Length: 11 inches, sexes similar, resident. Blue-green above and greenish-black below with a rich chestnut head and violet tail.

Habitat: Forest and forest edges.

Range: Liberia to western Kenya.

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



**BLACK SCIMITAR-BILL, *Rhinopomastus aterrimus*** Phoeniculidae

Ivory Coast, 2014 March 10, not yet cataloged, 500fr

Length: 9 inches, sexes similar, but the female is duller, resident. Violet above and dull black below with a white wingbar.

Habitat: Dry bush country and wooded savanna.

Range: Senegambia to Sudan, Angola, and Zambia.

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





**SEYCHELLES PARROT, *Mascarinus barklyi*** Psittacidae

Seychelles, 1962 February 21, Sc#198, 5c

Length: 14 to 16 inches, sexes alike, resident. Dark brown with a dusky bill and black legs.

Habitat: Forest.

Range: Praslin Island, Seychelles.

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



**NEW IRELAND PITTA, *Erythropitta exima*** Pittidae (misidentified on the stamp)

Papua New Guinea, 1986 May 22, Sc#647, 45t

Length: 7 inches, sexes similar, resident. Greenish back, blue breast, red nape and belly, and brownish face.

Habitat: Forest, scrub, plantations, and thickets.

Range: New Ireland and New Hanover.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 8.



**STRESEMANN'S BUSH-CROW, *Zavattariornis stresemanni*** Corvidae

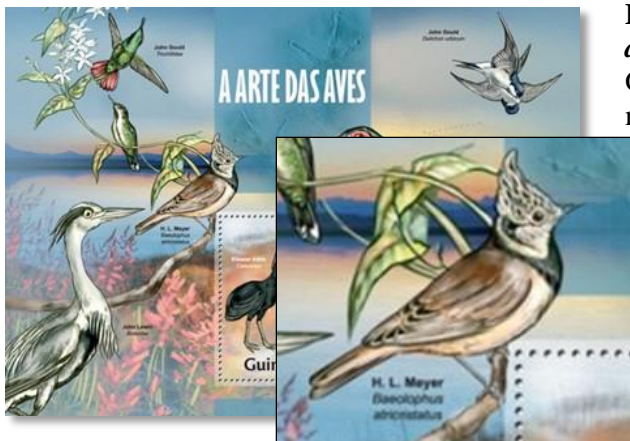
Guinea, 2014 May 15, not yet cataloged, 15000fr

Length: 11 inches, sexes similar, resident. Gray with black wings and tail.

Habitat: Flat savanna with mature acacia and thornbush.

Range: Southern Ethiopia.

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



**BLACK-CRESTED TITMOUSE, *Baeolophus atricristatus*** Paridae

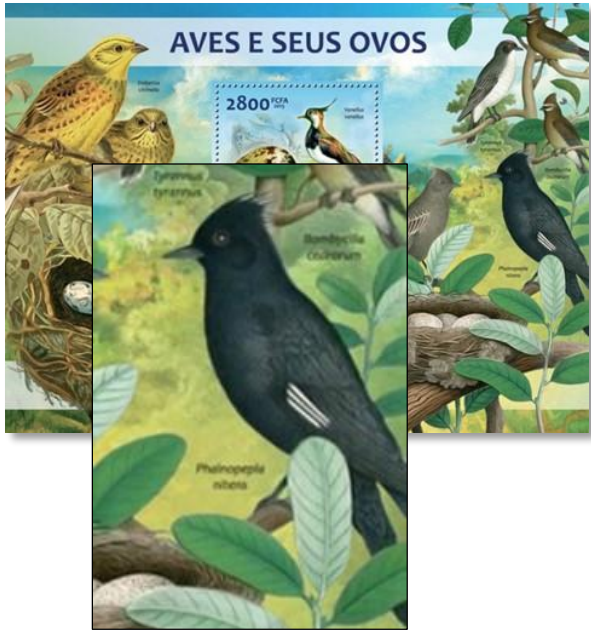
Guinea-Bissau, 2013 May 20, Mi#6675, SS 2000fr (ML margin)

Length; 5 inches, sexes similar, resident. Gray above and orange-buff below with a black crest.

Habitat: Dry forest.

Range: Southwestern Oklahoma to northeastern Mexico.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 12.



**PHAINOPEPLA, *Phainopepla nitens*** Ptilonotidae  
Guinea-Bissau, 2013 March 25, Mi#6613, SS 2800fr (R margin)

Length: 7 to 8 inches, migratory. The male (shown) is glossy black with white wing patches. The female is dark gray with pale gray wing patches.

Habitat: Deserts and riparian woodlands.

Range: Breeds from California and southern Texas to central Mexico. Winters from southern California to south-central Mexico.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 10.



**GOSLING'S BUNTING, *Emberiza goslingi*** Emberizidae

Ghana, 1989 October 16, Sc#1157, SS 600c

Length: 5 to 6 inches, sexes similar, resident. Buffy brown above and rich cinnamon below with a black-and-white striped head.

Habitat: Rocky hillsides and stony areas.

Range: Senegal to Mauritania and Cameroon.

Reference: del Hoyo, J., A. Elliott, and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 15.



**SLENDER-BILLED FINCH, *Xenospingus concolor*** Emberizidae

Peru, 2014 October, not yet cataloged, 900p

Length: 6 to 7 inches, sexes alike, resident. Slate gray, paler below with a yellow bill.

Habitat: Desert valleys with dense shrubbery.

Range: Northwestern Peru.

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

## LEPIDOPTERA INTERNATIONAL EXHIBIT HISTORY

### Vladimir Kachan, Belarus

[Ed. note: Mr. Kachan provides a list of thematic philatelic exhibits shown at the international level within the past twenty years that feature Lepidoptera.]

**Vincent P. Lucas, USA.** “The Lepidoptera” awarded large vermeil medal at the World Exhibition thematic philately Genova ’92 (Italy) and vermeil medal at the World Stamp Exhibition Singapore ’95.

**Greg Herbert, USA.** “The Pursuit of Butterflies and Moths” awarded vermeil medal at the World Exhibition thematic philately Genova ’92 and large vermeil medal at the World Philatelic Exhibition Italia ’98.

**Franciscus Xaverius Kurnadi, Indonesia.** “Lepidotteri” awarded bronze medal at the World Exhibition thematic philately Genova ’92 and silver medal at the World Philatelic Exhibition Italia ’98.

**Alan Hanks, Canada.** “The World of Insects” awarded silver medal at the World Stamp Exhibition Singapore ’95.

**Satish Sondhi, India.** “The World of Butterflies” awarded silver-bronze medal at International Philatelic Exhibition INDEPEX ASIANA-2000.

**Zou Ziyang, China.** One-frame “Butterfly Postmarks of Earlier Period” awarded vermeil medal at the World Philatelic Exhibition Belgica ’06.

**Line Hellum Fomenco, Norway.** “In the World of Butterflies” awarded vermeil medal at International Philatelic Exhibition NORDIA 2008 and vermeil medal at European Philatelic Exhibition *Le Salon du Timbre et de l’Ecrit 2008* (France).

**Kim Hee-Jun, South Korea.** “Butterflies, Moths, and Silk Industry” awarded vermeil medal at the World Stamp Exhibition China 2009.

**San Chul Nam, South Korea.** “Butterflies” awarded vermeil medal at Asian International Stamp Exhibition Joburg 2010 (South Africa).

**R. K. Bhootra, India.** “Wing Beyond Imagination – Butterfly” awarded silver medal at the World Philatelic Exhibition INDIPEX 2011.

**Shankar Shrestha, Nepal.** “Butterflies” awarded silver-bronze medal at Asian International Stamp Exhibition China 2011.

**Sitatag Juari, Indonesia.** “I’m Butterfly: The Beautiful Wings in Variety Habitat” awarded large silver medal at the World Stamp Exhibition INDONESIA 2012.

**Vladimir Kachan, USSR.** “A Traveling into the World of Butterflies” awarded silver-bronze medal at International Philatelic Exhibition Wien ’90 (Austria).

**Vladimir Kachan, Russia.** “A Traveling into the World of Butterflies” awarded silver medal at the World Philatelic Exhibition INDEPEX ’97 (India) and silver medal at International Philatelic Exhibition HansePhil ’98 (Germany).

**Vladimir Kachan, Belarus.** “World of Butterflies and Moths” awarded silver-bronze medal at the World Philatelic Exhibition BELGICA 01, vermeil medal at European Philatelic Exhibition BRNO 2005, vermeil medal at the World Philatelic Exhibition ESPANA 06, large silver medal at the World Stamp Exhibition Saint Petersburg-2007, vermeil medal at the World Philatelic Exhibition EFIRO 2008, vermeil medal at the World Stamp Exhibition China 2009, large vermeil medal at the World Philatelic Exhibition PORTUGAL-2010, large vermeil medal at the World Stamp Exhibition PHILANIPPON-2011.



# ICHTHYOLOGY

Editor

Kris P. Lindstrom, LM77



## New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>BAHAMAS</b>		<b>2013 October 29</b> (Bahamas Reef Environmental Foundation, 20th anniv)		
1398a	15c	Stylized Angelfish (Foundation Logo)		S
1398b	15c	Angelfish, <i>Holocanthus ciliaris</i> (with logo)	Pomacanthidae	A
1398		Horiz pair+central label (Sc#1398a–b) (with logo)		
1399		Horiz pair+central label (Sc#1399a–b) (with logo)		
1400a	65c	U/I Fish (with logo)		U
1400b	65c	U/I Fish (with logo)		U
1400		Horiz pair+central label (Sc#1400a–b) (with logo)		
1401a	70c	U/I Shark (with logo)		U
1401b	70c	Hammerhead shark, <i>Sphyrna zygaena</i> (with logo)	Sphyrnidae	A
1401		Horiz pair+central label (Sc#1401a–b) (with logo)		
<b>BELARUS</b>		<b>2013 November 1</b> (Animated Cartoon)		
881d	(4000r)	Cartoon fish		S
881		MS of 8 (Sc#881a–h)		
<b>BENIN</b>		<b>2013</b> (National Day of Traditional Religions) (Set of 3)		
1490	250fr	Stylized fish		S C
1491	300fr	Stylized fish		S C
1492	1000fr	Stylized fish		S C
<b>BRUNEI</b>		<b>2014 February 23</b> (National Day) (Strip of 4)		
649a	30c	Fishermen and crates of fish		C
649		Horiz strip of 4 (Sc#649a–d)		
<b>CHINA (Taiwan)</b>		<b>2014 January 8</b> (Corals) (Set of 4)		
4153	\$3.50	U/I reef fish		C
4155	\$10	U/I reef fish		C
<b>CROATIA</b>		<b>2014 April 9</b> (Marine Life) (MS of 4)		
902a	5.80k	Ornate wrasse, <i>Vladika arbanaska</i>	Labridae	A*
902		MS of 4+4 etiquettes (s/a)		
<b>CURAÇAO</b>		<b>2013 October 31</b> (Fairy Tales) (Set of 6)		
140	145c	Cartoon fish ( <i>The Frog Prince</i> )		S
<b>CYPRUS</b>		<b>2014 March 12</b> (Four Seasons) (Set of 4)		
1203	85c	Stylized fish (Girl with balloons, fish, and dolphins)		S
<b>DOMINICA</b>		<b>2014 May 1</b> (Sea Turtles)		
2806c	\$3.50	Small U/I reef fish (underwater photo)		U C
2806		MS of 3 (Sc#2806a–c)		
<b>FALKLAND ISLANDS</b>		<b>2014 March 25</b> (Penguins, Predators, & Prey) (Set of 4)		
1111	75p	Gaptooth Lanternfish, <i>Protomyctophum choriodon</i>	Myctophidae	A*



<b>FRANCE</b>		<b>2014 January 4</b> (Items with Spirals)		
4548	(66c)	Barracuda (schooling in spiral)	Sphyraenidae	A
4548a		Bklt pane 12 (Sc#4537–48) (s/a)		
		<b>2014 January 20</b> (Signs of the Zodiac)		
4565	(61c)	Stylized fish (Pisces)		S
4565a		Bklt pane 12 (Sc#4554–65) (s/a)		
		<b>2014 May 3</b> (Vacation)		
4615	(61c)	Stylized fish surfing		S
4619a		Bklt pane 12 (Sc#4608–19) (s/a)		
<b>FRENCH POLYNESIA</b>		<b>2014 January 20</b> (New Banknotes) (Set of 4 & SS)		
1116	20fr	U/I Manta Ray		U B
1117	75fr	U/I fish		U B
1118a		SS of 4 (Sc#1115–18)		
		<b>2014 June 10</b> (Sharks) (Set of 4 & SS)		
1127	10fr	Black Tip Reef Shark, <i>Carcharhinus melanopterus</i>	Carcharhinidae	A*
1128	40fr	Smooth Hammerhead, <i>Sphyrna mokarran</i>	Carcharhinidae	A*
1129	75fr	Silver Tip Shark, <i>Carcharhinus albimarginatus</i>	Carcharhinidae	A*
1130	190fr	Tiger Shark, <i>Galeocerdo cuvier</i>	Carcharhinidae	A*
1130a		SS of 4 (Sc#1127–30)		
<b>FRENCH SOUTHERN &amp; ANTARCTIC TERR.</b>		<b>2014 January 2</b>		
500	€2.40	Toad Notie, <i>Lindbergichthys</i> (= <i>Lepidonotothen</i> ) <i>mizops</i>	Nototheniidae	A
<b>GERMANY</b>		<b>2014 January 20</b> (Atlantic Salmon Reintroduction)		
2761	45c	Atlantic Salmon, <i>Salmo salar</i>	Salmonidae	A*
		<b>2014 June 5</b> (Altarpiece Detail by Master Bertram)		
2790	240c	Stylized fish		S C
<b>GRENADA</b>		<b>2014 January 20</b> (Turtles) (MS of 4)		
3950	Margin	L: U/I fish (school of 8)		B
		<b>2014 April 23</b> (Fish of the Caribbean) (2ea MS of 4 & SS)		
3978a	\$3.25	Yellowhead Wrasses, <i>Halichoeres garnoti</i>	Labridae	A*
3978b	\$3.25	Pintanos, <i>Abudefduf</i> sp.	Pomacentridae	A*
3978c	\$3.25	Queen Angelfish, <i>Holacanthus ciliaris</i>	Pomacanthidae	A*
3978d	\$3.25	Stoplight Parrotfish, <i>Sparisoma viride</i>	Scaridae	A*
3978		MS of 4 (Sc#3978a–d)		
3979a	\$3.25	Foureye Butterflyfish, <i>Chaetodon capistratus</i>	Chaetodontidae	A*
3979b	\$3.25	French Angelfish, <i>Pomacanthus paru</i>	Pomacanthidae	A*
3979c	\$3.25	French Angelfish, <i>Pomacanthus paru</i> (juveniles)	Pomacanthidae	A*
3979d	\$3.25	Great (or Giant) Barracudas, <i>Sphyraena barracuda</i>	Sphyraenidae	A*
3979		MS of 4 (Sc#3979a–d)		
3980	SS \$9	Yellow Chubs, <i>Kyphosus incisor</i> (also in margin)	Kyphosidae	A*
3981	SS \$9	Banded Butterflyfish, <i>Chaetodon striatus</i> (also in margin)	Chaetodontidae	A*
		<b>2014 April 23</b> (Modern Art: Matisse Ptg) (MS of 3)		
3982	Margin	Top: Stylized fish in fish tank		S
<b>GRENADA GRENADINES</b>		<b>2013 October 10</b> (World Environment Day) (MS of 4)		
2850	Margin	Bot: Stylized fish in logo		S
<b>ICELAND</b>		<b>2014 March 27</b> (Container Ship)		
1338	SS (155k)	Stylized fish silhouettes (in margin)		S Z

<b>ICELAND</b> (continued)		<b>2014 May 8</b> (Town Festivals) (Set of 5 s/a)		
1341	(112k)	Fishing boats (drawing)		R
1342	(112k)	Stylized herring (drawing)		S
		<b>2014 May 8</b> (Fishing Vessels) (Set of 4 & 2ea Bklt)		
1346	(112k)	Fishing boat (Bardhi NK 120)		R
1347	(112k)	Fishing boat (Stalvik SI 1)		R
1347a		Bklt pane 4 (2ea Sc#1346–47)		
1348	(175k)	Fishing boat (Orvar NU 21)		R
1349	(175k)	Fishing boat (Breki VE 61)		R
1349a		Bklt pane 4 (2ea Sc#1348–49)		
<b>MALDIVE ISLANDS</b>		<b>2014 March 5</b> (Monet Ptg) (MS of 4)		
3129d	22r	Fishing boats & fishermen		R
3129		MS of 4 (Sc#3129a–d)		
<b>MAURITANIA</b>		<b>2013</b> (Marine Life) (Set of 7)		
836	100um	King Mackerel, <i>Scomberomorus cavalla</i>	Scombridae	A*
837	150um	Butterfish, <i>Schilbe</i> sp.	Schilbeidae	A*
838	220um	Red-banded Sea Bream, <i>Pagrus auriga</i>	Sparidae	A*
839	280um	Blue-spotted Sea Bream, <i>Cephalopholis taeniops</i>	Serranidae	A*
840	370um	Dogfish Shark, <i>Squalus acanthias</i>	Squalidae	A*
841	370um	Cuttlefish (not a fish)		
842	440um	Round Sardinella, <i>Sardinella aurita</i>	Clupeidae	A*
<b>MONACO</b>		<b>2014 June 10</b> (Sharks) (MS of 3)		
2762a	66c	Blacktip Reef Shark, <i>Carcharhinus melanopterus</i> (with diver)	Carcharhinidae	A*
2762b	€1.10	Hammerhead Shark, <i>Sphyrna zygaena</i> (with diver)	Sphyrnidae	A*
2762c	€1.65	Gray Reef Sharks, <i>Carcharhinus amblyrhynchos</i>	Carcharhinidae	A*
2762		MS of 3 (Sc#2762a–c)		
	Margin	UL, UR, & LR: Small U/I reef fish		U Z
		<b>2014 June 25</b> (Scorpionfish)		
2766	(40c)	Red Scorpionfish, <i>Scorpaena scrofa</i> (only known precanceled)	Scorpaenidae	A*
<b>MOZAMBIQUE</b>		<b>2013 February 20</b> (Fish) (MS of 4 & SS)		
2776a	16m	Crabeyed Goby, <i>Signigobius biocellatus</i>	Gobiidae	A*
2776b	16m	Mandarinfish, <i>Synchiropus splendidus</i>	Callionymidae	A*
2776c	92m	Commerson's Frogfish, <i>Antennarius commersoni</i>	Antennariidae	A*
2776d	92m	Broadbarred Firefish, <i>Pterois antennata</i>	Scorpaenidae	A*
2806	SS 175m	Ambon Scorpionfish, <i>Pteroidichthys amboinensis</i>	Scorpaenidae	A*
		<b>2013 June 25</b> (Birds of Prey) (MS of 4)		
2906d	92m	Fish in talons of osprey		B
2906		MS of 4 (Sc#2609a–d)		
<b>NETHERLANDS</b>		<b>2013 February 25</b> (Burger's Zoo Arnheim 100th anniv.)		
1437b	(54c)	Banggai Cardinalfish, <i>Pterapogon kauderni</i> (with eggs)	Apogonidae	A*
1437k		Bklt pane 2 (Sc#1437a–b)		
1437		MS of 10 (Sc#1437a–j)		
		<b>2013 November 4</b> (Ethiopian Children)		
B766e	(60c)+30c	Stylized fish (background poster)		S
B766		MS of 6 (Sc#B766a–f)		

**NEVIS****2013 December 4 (Fish) (Set of 12)**

1769	10c	Barred Hogfish, <i>Bodianus scrofa</i>	Labridae	A*
1770	15c	Bluefaced Angelfish, <i>Pomacanthus xanthurus</i>	Pomacanthidae	A*
1771	20c	Comb Grouper, <i>Mycteroperca acutirostris</i>	Serranidae	A*
1772	30c	Spotfin Hogfish, <i>Bodianus pulchellus</i>	Labridae	A*
1773	90c	Yellow Jack, <i>Carangoides bartholomaei</i>	Carangidae	A*
1774	\$1	Broadbarred Firefish, <i>Pterois antennata</i>	Scorpaenidae	A*
1775	\$1.20	Queen Angelfish, <i>Holacanthus ciliaris</i>	Pomacanthidae	A*
1776	\$2	Stoplight Parrotfish, <i>Sparisoma viride</i>	Scaridae	A*
1777	\$3	Tiger Grouper, <i>Mycteroperca tigris</i>	Serranidae	A*
1778	\$5	Titan Triggerfish, <i>Balistoides viridescens</i>	Balistidae	A*
1779	\$10	Blue-striped Grunt, <i>Haemulon sciurus</i>	Haemulidae	A*
1780	\$20	Flameback Angelfish, <i>Centropyge aurantonotus</i>	Pomacanthidae	A*

**2014 April 2 (WWF)**

1803a	\$2.50	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (nose to UR)	Carcharhinidae	A*
1803b	\$2.50	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (two sharks)	Carcharhinidae	A*
1803c	\$2.50	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (nose to UL)	Carcharhinidae	A*
1803d	\$2.50	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (nose to L)	Carcharhinidae	A*
1803		Block or Vert strip 4 (Sc#1803a-d)		
1804a	\$2.75	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (nose to UR)	Carcharhinidae	A*
1804b	\$2.75	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (two sharks)	Carcharhinidae	A*
1804c	\$2.75	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (nose to UL)	Carcharhinidae	A*
1804d	\$2.75	Caribbean Reef Shark, <i>Carcharhinus springeri</i> (nose to L)	Carcharhinidae	A*
1804		Block or Vert strip 4 (Sc#1804a-d)		

**NEW CALEDONIA****2013 June 7**

1155	110fr	Bluespine Unicornfish, <i>Naso unicornis</i>	Acanthuridae	A
------	-------	--	--------------	---

**2013 June 8 (Marine Life in Lagoons) (Bklt pane 10)**

1156a	110fr	Leopard Coral Grouper, <i>Plectropomus leopardus</i>	Serranidae	A*
1156a	110fr	Camouflage Grouper, <i>Epinephelus polyphekadion</i>	Serranidae	A*
1156b	110fr	Gray Reef Shark, <i>Carcharhinus amblyrhynchos</i>	Carcharhinidae	A*
1156c	110fr	Narrow-barred Mackerel, <i>Scomberomorus commerson</i>	Scombridae	A*
1156d	110fr	Green Sea Turtle (no fish)		
1156e	110fr	Bluefin Trevally, <i>Caranx melampygus</i>	Carangidae	A*
1156f	110fr	Yellow Longnose Butterflyfish, <i>Forcipiger flavissimus</i>	Chaetodontidae	A*
1156g	110fr	Blue-green Chromis, <i>Chromis viridis</i>	Pomacentridae	A*
1156i	110fr	Blotcheye Soldierfish, <i>Myripristis berndti</i>	Holocentridae	A*
1156j	110fr	Bluelined Snapper, <i>Lutjanus kasmira</i>	Lutjanidae	A*
1156		Bklt pane 10 (Sc#1156a-j)		

**2013 November 6 (Christmas)**

1170	110fr	Imperial Angelfish, <i>Pomacanthus imperator</i> (s-o-s)	Pomacanthidae	B
------	-------	--	---------------	---

**2014 January 20 (New Banknotes) (MS of 4)**

1171c	110fr	Sergeant Major, <i>Abudefduf saxatilis</i>	Pomacentridae	B
1171		MS of 4 (Sc#1171a-d)		

**NEW ZEALAND****2014 July 2 (Landmarks) (MS of 18)**

2532h	80c	Fish statue		S
2532		MS of 18+label (Sc#2532a-r)		

<b>NIUE</b>		<b>2014 June 18 (Fish) (Set of 4 &amp; SS)</b>			
900	30c	Whitemouth (or Turkey) Moray, <i>Gymnothorax meleagris</i>	Muraenidae	A*	
901	\$1.40	Orange Anemonefish, <i>Amphiprion percula</i>	Pomacentridae	A*	
902	\$2	Fire Dartfish (or Goby), <i>Nemateleotris magnifica</i>	Microdesmidae	A*	
903	\$4	Yellow Longnose Butterflyfish, <i>Forcipiger flavissimus</i>	Chaetodontidae	A*	
903a		SS of 4 (Sc#900-03)			
<b>PALAU</b>		<b>2013 June 25 (Tropical Fish) (2ea MS of 4 &amp; SS)</b>			
1155a	\$1.20	Australasian Snapper, <i>Pagrus auratus</i>	Sparidae	A*	
1155b	\$1.20	Tomato Clownfish, <i>Amphiprion frenatus</i>	Pomacentridae	A*	
1155c	\$1.20	Pennant Coralfish, <i>Heniochus acuminatus</i>	Chaetodontidae	A*	
1155d	\$1.20	Yellow Watchman Goby, <i>Cryptocentrus cinctus</i>	Gobiidae	A*	
1156a	\$1.20	Pin-spotted Shrimp Goby, <i>Cryptocentrus leptocephalus</i>	Gobiidae	A*	
1156b	\$1.20	Ocellated Dragonet, <i>Synchiropus ocellatus</i>	Callionymidae	A*	
1156c	\$1.20	Common Warehou, <i>Seriola lalandi</i>	Centrolophidae	A*	
1156d	\$1.20	Gray Moray, <i>Gymnothorax nubilus</i>	Muraenidae	A*	
1157	SS \$3.50	Blue-eyed Triplefin, <i>Notoclinops segmentatus</i>	Tripterygiidae	A*	
1158	SS \$3.50	Barred Mudskipper, <i>Periophthalmus argentilineatus</i>	Gobiidae	A*	
		<b>2013 October 1 (Photographs of Marine Life) (MS of 6)</b>			
1167b	\$1.10	Coral Dweller Cobie (country name at UL)		U A*	
1167c	\$1.10	Masked Bannerfish, <i>Heniochus monoceros</i>	Chaetodontidae	A*	
1167f	\$1.10	Eagle Ray, <i>Myliobatis australis</i> (denom touching ray)	Myliobatidae	A*	
1167	Margin R:	Manta Ray, <i>Manta birostris</i>	Myliobatidae	Z*	
1168b	\$1.10	Mandarinfish, <i>Synchiropus splendidus</i> (country name at UL)	Callionymidae	A*	
1168c	\$1.10	Eagle Ray, <i>Myliobatis australis</i> (denom decimal on ray)	Myliobatidae	A*	
1168d	\$1.10	Pink Anemonefish, <i>Amphiprion perideraion</i> (country at UL)	Pomacentridae	A*	
1168e	\$1.10	U/I fish (head)		U A*	
1168f	\$1.10	Masked Angelfish, <i>Genicanthus personatus</i>	Pomacanthidae	A*	
1169a	\$1.10	Harlequin Sweetlips, <i>Plectorhinchus chaetodonoides</i>	Hemulidae	A*	
1169c	\$1.10	Eagle Ray, <i>Myliobatis australis</i> (denom R of ray)	Myliobatidae	A*	
1169		MS of 6 (Sc#1169a-e, Sc#1168f)			
	Margin	Coral Dweller Cobie		U Z*	
1170b	\$1.10	Coral Dweller Cobie (country name at L)		U A*	
1170c	\$1.10	Pink Anemonefish, <i>Amphiprion perideraion</i> (country name at L)	Pomacentridae	A*	
1170e	\$1.10	Mandarinfish, <i>Synchiropus splendidus</i> (country name at L)	Callionymidae	A*	
1170f	\$1.10	Longnose Hawkfish, <i>Oxycirrhites typus</i>	Cirrhitidae	A*	
1171e	\$1.10	Seahorse, <i>Hippocampus</i> sp.	Syngnathidae	U A*	
1171f	\$1.10	Red Lionfish, <i>Pterois volitans</i>	Scorpaenidae	A*	
1172b	\$1.10	Pink Anemonefish, <i>Amphiprion perideraion</i> (vert)(name at UL)	Pomacentridae	A*	
1172d	\$1.10	Humphead Wrasse, <i>Cheilinus undulatus</i>	Labridae	A*	
1172e	\$1.10	U/I Shark		U A	
1173b	\$1.10	Manta Ray, <i>Manta birostris</i>	Myliobatidae	A*	
1173d	\$1.10	Red Seahorse, <i>Hippocampus</i> sp.	Syngnathidae	U A*	
1173e	\$1.10	Pink Anemonefish, <i>Amphiprion perideraion</i> (vert)(name at L)	Pomacentridae	A*	
1173	Margin R:	Humphead Wrasse, <i>Cheilinus undulatus</i>	Labridae	Z*	
<b>PAPUA NEW GUINEA</b>		<b>2013 November 6 (Traditional Cooking Methods) (Set of 4)</b>			
1722	1.30k	Stylized (drying in pot)		S	
1723	6k	Stylized (drying on rack)		S	



**PHILIPPINES****2013** (Marine Life Type of 2010–11) (Set of 10 & SS)

3471	1p	Pinecone Fish, <i>Monocentris japonicus</i>	Monocentridae	A*
3472	3p	Purple (or Elegant) Firefish, <i>Nemateleotris decora</i>	Microdesmidae	A*
3473	5p	Pajama Cardinalfish, <i>Sphaeramia nematoptera</i>	Apogonidae	A*
3474	10p	Long-nose Butterflyfish, <i>Forcipiger longirostris</i>	Chaetodontidae	A*
3475	10p	Longnose (or Harlequin) Filefish, <i>Oxymonacanthus longirostris</i>	Monacanthidae	A*
3476	13p	Raccoon Butterflyfish, <i>Chaetodon lunula</i>	Chaetodontidae	A*
3477	20p	Fire (or Tomato) Clownfish, <i>Amphiprion frenatus</i>	Pomacentridae	A*
3478	25p	Two-lined Monocle Bream, <i>Scolopsis bilineata</i>	Nemipteridae	A*
3479	30p	Green (or Blue-green) Chromis, <i>Chromis viridis</i>	Pomacentridae	A*
3480	40p	Common Squirrelfish, <i>Holocentrus adscensionis</i>	Holocentridae	A*
3481	SS 100p	Black-backed Butterflyfish, <i>Chaetodon melannotus</i>	Chaetodontidae	A*

**2013 August 2** (Marine Biodiversity) (MS of 8+label)

3493a	10p	Lemon Goby, <i>Vomerogobius flavus</i>	Gobiidae	A*
3493b	10p	Dragon (or Rockmover) Wrasse, <i>Novaculichthys taeniourus</i>	Labridae	A*
3493c	10p	Three-spot Angelfish, <i>Apothemichthys trimaculatus</i>	Pomacanthidae	A*
3493d	10p	Whitetail Dascyllus, <i>Dascyllus aruanus</i>	Pomacentridae	A*
3493e	10p	Orange Sea Perch (or Sea Goldie), <i>Pseudanthias squamipinnis</i>	Serranidae	A*
3493f	10p	Spotted (or Guineafowl) Puffer, <i>Arothron meleagris</i>	Tetraodontidae	A*
3493g	10p	Lemonpeel Angelfish, <i>Centropyge flavissimus</i>	Pomacanthidae	A*
3493h	10p	Electric-blue Damsel, <i>Pomacentrus caeruleus</i>	Pomacentridae	A*
3493		MS of 8 (Sc#3493a–h) (triangular)		
3493i		Sc#3493 ovpt Thailand 2013 World Stamp Expo		

**2013 October 14** (50th Fish Conservation Week) (Horiz strip of 3 & SS)

3499a	10p	Manta Ray (background)	Mobulidae	B
		Hammerhead Shark (background)	Sphyrnidae	B
3499b	10p	Dwarf Pigmy Goby, <i>Pandaka pygmaea</i>	Gobiidae	A
3499c	10p	Whale Shark, <i>Rhincodon typus</i>	Rhincodontidae	A
3500	SS 40p	Dwarf Pigmy Goby, <i>Pandaka pygmaea</i> (continues in margin)	Gobiidae	A

**ROMANIA****2013 July 9** (Sport Hunting and Fishing) (Set of 4)

5468	7.60L	Trout, <i>Salmo</i> sp.	Salmonidae	A*
5468a		Sheet of 8+label		

**SAMOA****2014 January 10** (Endangered Marine Life and Reptiles) (Set of 12)

1168	\$1.50	Thorny Seahorse, <i>Hippocampus histrix</i>	Syngnathidae	A*
1169	\$2	Green Humphead Parrotfish, <i>Bolbometopon muricatum</i>	Scaridae	A*
1170	\$2.25	Atlantic Blue Marlin, <i>Makaira nigricans</i>	Xiphiidae	A*
1171	\$2.50	Sharpnose Stingray, <i>Himantura gerrardi</i>	Dasyatidae	A*
1172	\$3.50	Humphead Wrasse, <i>Cheilinus undulatus</i>	Labridae	A*
1173	\$3.50	Shortfin Mako, <i>Isurus oxyrinchus</i>	Lamnidae	A*
1177	\$20	Tawny Nurse Shark, <i>Nebrius ferrugineus</i>	Ginglymostomatidae	A*
1178	\$25	Oceanic Whitetip Shark, <i>Carcharhinus longimanus</i>	Carcharhinidae	A*

**SAN MARINO****2014 March 17** (35th World Sport Fishing Convention)

1901	85c	Stylized fish and fish lures		S
------	-----	------------------------------	--	---

**SIERRA LEONE****2013 September 9** (World Environment Day) (MS of 3)

3173a	6000le	Stylized fish		S
3174	SS 16000le	Stylized fish		S
	Margin	Bot: Stylized fish (in logo)		S Z

<b>SIERRA LEONE</b> (continued)		<b>2013 December 23</b> (Fish of Africa) (MS of 4 & SS)		
3203a	5000le	African Red-finned Barb, <i>Barbus camptacanthus</i>	Cyprinidae	A*
3203b	5000le	Redtail Notho, <i>Nothobranchius guentheri</i>	Nothobranchiidae	A*
3203c	5000le	Brown Wrasse, <i>Labrus merula</i>	Labridae	A*
3203d	5000le	Roundhead Sandeater, <i>Lethrinops marginatus</i>	Cichlidae	A*
3204	SS 16000le	R: Broadhead Sleeper, <i>Eleotris melanosoma</i>	Eleotridae	A*
		L: African Butter Catfish, <i>Schilbe mystus</i>	Schilbeidae	A*
<b>SINGAPORE</b>		<b>2013 July 13</b> (Gardens) (Set of 4, SS of 1, s/a SS of 4)		
1608	(26c)	U/I fish in bird's beak		C
1612	SS \$5	Composite of Sc#1608–11		
1613a	(26c)	U/I fish in bird's beak (s/a)		C
		<b>2013 August 23</b> (Singapore 2015 World Stamp Exhibition)		
1620b	\$2	Guppy, <i>Poecilia reticulata</i>	Poeciliidae	A*
1620		Horiz pair+label (Sc#1620a–b)		
1621b	\$5	Guppy, <i>Poecilia reticulata</i>	Poeciliidae	A*
1621		SS of 2 (Sc#1621a–b)		
<b>SLOVENIA</b>		<b>2014 May 30</b> (40th World Scout Conference)		
1039	77c	Cartoon fish		S
<b>SOLOMON ISLANDS</b>		<b>2008 October 23</b> (MS of 6, Sc#921–26, surch in red)		
B6	\$3	U/I fish		U
		<b>2012 June 5</b> (Reef Fish) (MS of 5)		
1163a	\$9	Scrawled Butterflyfish, <i>Chaetodon meyeri</i>	Chaetodontidae	A*
1163b	\$9	Saddle Butterflyfish, <i>Chaetodon ephippium</i>	Chaetodontidae	A*
1163c	\$9	Lined Surgeonfish, <i>Acanthurus lineatus</i>	Acanthuridae	A*
1163d	\$9	Spot-tailed Butterflyfish, <i>Chaetodon ocellicaudus</i>	Chaetodontidae	A*
1163r	\$27	Pennant Coralfish, <i>Heniochus acuminatus</i>	Chaetodontidae	A*
	Margin	LL: U/I reef fish		U Z
		R: Pennant Coralfish, <i>Heniochus acuminatus</i>	Chaetodontidae	Z*
		UR: Spotfin Lionfish, <i>Pterois antennata</i>	Scorpaenidae	Z*
		MR: Spot-banded Butterflyfish, <i>Chaetodon punctatofasciatus</i>	Chaetodontidae	Z*
<b>SPAIN</b>		<b>2014 February 27</b> (Exfina 2014 National Philatelic Exhibition)		
3963	SS €3.16	Herring?		B
<b>ST. PIERRE &amp; MIQUELON</b>		<b>2014 February 16</b> (Trawler Shamrock III)		
994	€1.16	Fishing trawler (no fish)		R
<b>ST. THOMAS &amp; PRINCE ISLANDS</b>		<b>2011 February 25</b> (Fish) (MS of 4)		
2387a	32500d	Ostracion, <i>Ostracion tricornis</i>	Ostraciidae	A*
2387b	32500d	Lagoon Triggerfish, <i>Rhinecanthus aculeatus</i>	Balistidae	A*
2387c	32500d	Squirrelfish, <i>Holocentrus adscensionis</i> (Cap: <i>H. axensionis</i> )	Holocentridae	A*
2387d	32500d	Spot-fin Porcupinefish, <i>Diodon hystrix</i>	Diodontidae	A*
		<b>2011 March 30</b> (Fish) (SS of 2)		
2425a	57500d	Top: Giant Oarfish, <i>Regalecus glesne</i>	Regalecidae	A*
		Bot: Opah, <i>Lampris guttatus</i>	Lampridae	A*
2425b	57500d	Top: Wels Catfish, <i>Silurus glanis</i>	Siluridae	A*
		Bot: John Dory, <i>Zeus faber</i>	Zeidae	A*

**ST. THOMAS & PRINCE ISLANDS** (continued)

2425	Margin	UL: Orange Roughy, <i>Hoplostethus atlanticus</i>	Trachichthyidae	Z*
		UR: Angler, <i>Lophius piscatorius</i>	Lophiidae	Z*
		ML: Indo-Pacific Sailfish, <i>Istiophorus platypterus</i>	Istiophoridae	Z*
		LL: U/I Stingray	Dasyatidae	U Z*
		LR: Sturgeon, <i>Acipenser oxyrinchus</i>	Acipenseridae	Z*

**2013 May 10** (Kingfishers) (MS of 4 & SS)

2477a	25000d	Two birds sharing fish		C
2477b	25000d	Fish in bird's beak at L		C
2477c	25000d	Fish in bird's beak at R		C
2497	SS 96000d	Like Sc#2477a		C

**2013 May 10** (Fish) (MS of 4 & SS)

2482a	25000d	Dolphinfish, <i>Coryphaena hippurus</i>	Coryphaenidae	A*
2482b	25000d	Flying Gurnard, <i>Dactylopterus volitans</i>	Dactylopteridae	A*
2482c	25000d	L: Sargassum Fish, <i>Histrio histrio</i>	Antennariidae	A*
		R: U/I Angelfish		U A*
2482d	25000d	Spotfin Hogfish, <i>Bodianus pulchellus</i>	Labridae	A*
	Margin	UL: Blue Runner, <i>Caranx crysos</i>	Carangidae	Z*
		ML: Dolphinfish, <i>Coryphaena hippurus</i>	Coryphaenidae	Z*
		MR: Cardinalfish, <i>Apogon imberbis</i>	Apogonidae	Z*
		LR: Rock Hind, <i>Epinephelus adscensionis</i>	Serranidae	Z*
2502	SS 96000d	Swallowtail Seaperch, <i>Anthias anthias</i>	Serranidae	A*
	Margin	UL: Scalloped Hammerhead, <i>Sphyrna lewini</i>	Sphyrnidae	Z*
		ML: African Angelfish, <i>Holacanthus africanus</i>	Pomacanthidae	Z*
		CTR: African Moonfish, <i>Selene dorsalis</i>	Carangidae	Z*
		LL: Cardinalfish, <i>Apogon imberbis</i>	Apogonidae	Z*
		UR: Scrawled Filefish, <i>Aluterus scriptus</i>	Monacanthidae	Z*
		MR: Flying Gurnard, <i>Dactylopterus volitans</i>	Dactylopteridae	Z*
		Bot: Cornetfish, <i>Fistularia tabacaria</i>	Fistulariidae	Z*

**2013 December 10** (Marine Life) (MS of 4 & SS)

2592b	20000d	Atlantic Blue Marlin, <i>Makaira nigricans</i>	Istiophoridae	A*
2592c	20000d	Scrawled filefish, <i>Aluterus scriptus</i>	Monacanthidae	A*
2609	SS 79000d	Scalloped Hammerhead, <i>Sphyrna lewini</i>	Sphyrnidae	A*
	Margin	UR: Diamond Lizardfish, <i>Synodus synodus</i>	Synodontidae	Z*
		MR: African Moonfish, <i>Selene dorsalis</i>	Carangidae	Z*
		Bot: Bigeye Tuna, <i>Thunnus obesus</i>	Scombridae	Z*

**2013 December 10** (Tropical Fish) (MS of 4 & SS)

2593a	20000d	Square-spot Fairy Basslet, <i>Pseudanthias pleurotaenia</i>	Serranidae	A*
2593b	20000d	Chevron Tang, <i>Ctenochaetus hawaiiensis</i>	Acanthuridae	A*
2593c	20000d	Yellow Boxfish, <i>Ostracion cubicus</i>	Ostraciidae	A*
2593d	20000d	Red Discus, <i>Symphysodon discus</i>	Cichlidae	A*
2610	SS 79000d	Foureye Butterflyfish, <i>Chaetodon capistratus</i>	Chaetodontidae	A*
	Margin	UR: Clown Triggerfish, <i>Balistoides conspicillum</i>	Balistidae	Z*
		Bot: Yellow-banded Sweetlips, <i>Plectorhinchus lineatus</i>	Haemulidae	Z*

**ST. VINCENT****2013 May 7** (World Environment Day) (MS of 4)

3856c	\$3.25	Stylized fish		S
-------	--------	---------------	--	---

<b>SURINAM</b>		<b>2014 July 16 (Fish) (Block of 12)</b>		
1475a	B	Four-eyed Butterflyfish, <i>Chaetodon capistratus</i>	Chaetodontidae	A*
1475b	\$1.45	Banded Butterflyfish, <i>Chaetodon striatus</i>	Chaetodontidae	A*
1475c	\$2	Royal Gramma, <i>Gramma loreto</i>	Grammatidae	A*
1475d	\$2.50	Blue Angelfish, <i>Holacanthus isabelita</i>	Pomacanthidae	A*
1475e	\$3.50	Slippery Dick, <i>Halichoeres bivittatus</i>	Labridae	A*
1475f	\$4.50	Queen Angelfish, <i>Holacanthus ciliaris</i>	Pomacanthidae	A*
1475g	\$5	Hogfish, <i>Lachnolaimus maximus</i>	Labridae	A*
1475h	\$5.50	Yellow Goatfish, <i>Mulloidichthys martinicus</i>	Mullidae	A*
1475i	\$6	Copper Sweeper, <i>Pempheris schomburgki</i>	Pempheridae	A*
1475j	\$7	Gray Angelfish, <i>Pomacanthus arcuatus</i>	Pomacanthidae	A*
1475k	\$8	Striped Parrotfish, <i>Scarus croicensis</i>	Scaridae	A*
1475l	\$9	Spotted Goatfish, <i>Pseudupeneus maculatus</i>	Mullidae	A*
<b>SWEDEN</b>		<b>2014 March 27 (Carl Michael Bellman [1740–95] Composer)</b>		
2725	100k	Stylized fish (s/a)		S
<b>TAJIKISTAN</b>		<b>2013 November 19 (Fish) (Block of 4)</b>		
413a	2s	Goldfish, <i>Carassius carassius</i>	Cyprinidae	A
413b	2s	Catfish, <i>Silurus</i> sp.	Siluridae	U A
413c	2s	Brown Trout, <i>Salmo trutta</i>	Salmonidae	A
413d	2s	Common Carp, <i>Cyprinus carpio</i> (Cap: Sazan)	Cyprinidae	A
<b>TANZANIA</b>		<b>2012 July 10 (Kingfishers) (MS of 4)</b>		
2667a	1000sh	U/I fish in beak of Malachite Kingfisher		C
2667b	1000sh	U/I fish in beak of Grey-headed Kingfisher		C
2667c	1000sh	U/I fish in beak of Woodland Kingfisher		C
		<b>2012 October 10 (Qing Dynasty Ceramics) (MS of 4)</b>		
2673b	1300sh	Stylized fish on bowl		S
		<b>2012 October 10 (Year of the Snake) (Sheet of 20)</b>		
2678a	500sh	Stylized fish in Chinese character		S
<b>TUNISIA</b>		<b>2014 March 25 (Mediterranean Diet)</b>		
1569	2350m	Mackerel	Scombridae	B
<b>TURKEY</b>		<b>2013 June 10 (17th Mediterranean Games) (MS of 4)</b>		
3348a	1.10L	Tiny stylized fish		S
3348c	1.10L	Tiny stylized fish		S
		<b>2014 April 17 (Mother's Day) (SS with 4 labels)</b>		
3388	1.10L	Seahorse (on label)	Syngnathidae	B
<b>UNITED NATIONS</b>		<b>2014 August 21 (Intl Year of Family Farming)</b>		
1094	\$1.15	Stylized fish		S
		<b>2014 October 23 (Endangered Species) (Block of 4)</b>		
	\$1.15	Denise's Pygmy Seahorse, <i>Hippocampus denise</i>	Syngnathidae	A*
	\$1.15	Whale Shark, <i>Rhincodon typus</i>	Rhincodontidae	A*
	\$1.15	Scalloped Hammerhead, <i>Sphyrna lewini</i>	Sphyrnidae	A*
	\$1.15	Asian Arowana, <i>Scleropages formosus</i>	Osteoglossidae	A*
<b>UNITED NATIONS (Geneva)</b>		<b>2014 October 23 (Endangered Species) (Block of 4)</b>		
	1.40fr	Arapaima, <i>Arapaima gigas</i>	Arapaimidae	A*
	1.40fr	Basking Shark, <i>Cetorhinus maximus</i>	Cetorhinidae	A*
	1.40fr	Large-tooth Sawfish, <i>Pristis pristis</i>	Pristidae	A*
	1.40fr	Siberian Sturgeon, <i>Acipenser baerii</i>	Acipenseridae	A*



<b>UNITED NATIONS (Vienna)</b>		<b>2014 October 23</b> (Endangered Species) (Block of 4)		
	70c	Humphead Wrasse, <i>Cheilinus undulatus</i>	Labridae	A*
	70c	Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	A*
	70c	Giant Manta Ray, <i>Manta birostris</i>	Mobulidae	A*
	70c	American Paddlefish, <i>Polyodon spathula</i>	Polyodontidae	A*
<b>VANUATU</b>		<b>2012 December 5</b> (Greetings) (Set of 4)		
1049	100v	U/I reef fish (with snorkeler)		U C
		<b>2013 March 28</b> (WWF) (Sheet of 8)		
1056a	30v	Orange Spot Filefish, <i>Oxymonacanthus longirostris</i>	Monacanthidae	A*
1056b	70v	Orange Spot Filefish, <i>Oxymonacanthus longirostris</i>	Monacanthidae	A*
1056c	100v	Orange Spot Filefish, <i>Oxymonacanthus longirostris</i>	Monacanthidae	A*
1056d	200v	Orange Spot Filefish, <i>Oxymonacanthus longirostris</i>	Monacanthidae	A*
1056		Horiz strip 4 (Sc#1056a-d)		
	Label	Orange Spot Filefish, <i>Oxymonacanthus longirostris</i>	Monacanthidae	Z*
		<b>2013 November 6</b> (Christmas) (Set of 4)		
1066	100v	Stylized reef fish (with snorkeling Santa)		S
1068	250v	Stylized tropical fish (on travel poster)		S
		<b>2013 December 11</b> (Underwater Post Office) (SS)		
1069	SS 350v	U/I reef fish (also in margin)		U B
<b>WALLIS &amp; FUTUNA ISLANDS</b>		<b>2013 October 25</b> (Shores of Wallis Island) (Set of 2)		
732	55fr	Fisherman in surf (no fish)		R
		<b>2014 January 24</b> (New Bank Notes) (Set of 4)		
738	90fr	Manta Ray, <i>Manta</i> sp.	Myliobatidae	B
739	115fr	U/I Angelfish	Pomacanthidae	U B

# MARINE INVERTEBRATES

Editor

Ian Hunter, BU1619



Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>ARUBA</b> <b>2013 October 4</b> (Shells) (Block of 6)				
431a	200c	Atlantic Partridge Tun, <i>Tonna maculosa</i>	Tonnidae	A
431b	200c	Four Tooth Nerite, <i>Nerita versicolor</i>	Neritidae	A
431c	250c	Sunshine Tellin, <i>Tellina radiata</i>	Tellinidae	A
431d	275c	Caribbean Dog-tooth Titon, <i>Cymatium caribbaeum</i>	Ranellidae	A
431e	275c	Caribbean Olive, <i>Oliva caribaeensis</i>	Olividae	A
431f	300c	Music Volute, <i>Voluta musica</i>	Volutidae	A
<b>ASCENSION</b> <b>2013 August 29</b> (Marine Life) (Set of 4, Strip of 4, & SS)				
1099	45p	Bearded Fireworm, <i>Hermodice carunculata</i> (with white frame)	Amphinomidae	A
1103a	45p	Bearded Fireworm, <i>Hermodice carunculata</i>	Amphinomidae	A
1104a	£1	an anemone, <i>Isarachnanthus maderensis</i>	Arachnactidae	A
<b>AUSTRALIA</b> <b>2013 August 20</b> (Coral Reefs)				
3974	60c	Underwater view of Ningaloo Reef, Western Australia showing corals and a turtle		B
3975	60c	Underwater view of Great Barrier Reef, Queensland showing corals and a fish		B
3976	\$1.20	Aerial view of Ningaloo Reef, Western Australia		B
3977	\$1.20	Aerial view of Great Barrier Reef, Queensland		B
3977c		MS of 4 (Sc#3974-77)		B
3978	60c	Underwater view of Great Barrier Reef, Queensland showing corals and a fish		B
3979	60c	Underwater view of Ningaloo Reef, Western Australia showing corals and a turtle		B
3980	\$1.20	Aerial view of Great Barrier Reef, Queensland		B
3981	\$1.20	Aerial view of Ningaloo Reef, Western Australia		B
<b>BAHAMAS</b> <b>2013 July 8</b> (Independence, 40th Anniversary)				
1395	50c	Conch on Coat of Arms, <i>Strombus gigas</i>		C
<b>BOSNIA &amp; HERZEGOVINA</b> <b>2012 November 27</b> (Marine Life) (Horiz strip of 5)				
696c	70pf	Starfish		U
696d	70pf	Crab and fish		U
696e	70pf	Jellyfish and fish		U
<b>BURUNDI</b> <b>2012 December 21</b> (Shells) (MS of 4 & SS)				
1210a	1180fr	L: Variegated Scallop, <i>Chlamys varia</i> R: a Cardita clam, <i>Cardita calyculata</i>	Pectinidae Carditidae	A A
1210b	1190fr	L: Rough Top Shell, <i>Jujubinus exasperatus</i> R: a turban shell, <i>Turbo</i> (= <i>Marmarostoma</i> ) sp.	Trochidae Turbinidae	A A
1210c	3000fr	L: Common Egg Cowrie, <i>Ovula ovum</i> R: Ruby Triton, <i>Cymatium rubeculum</i>	Ovulidae Ranellidae	A A
1210d	3000fr	L: Common Wentletrap, <i>Epitonium commune</i> R: a bivalve, <i>Solemya togata</i>	Epitoniidae Solemyidae	A A
1235	SS 7500fr	L: Ethiopian Volute, <i>Melo aethiopicus</i> R: Bear Paw Clam, <i>Hippopus hippopus</i>	Volutidae Tridacnidae	A A

<b>BURUNDI</b> (continued)		<b>2013 August 20</b> (Shells and Lighthouses) (MS of 4 & SS)		
1403a	1090fr	Rose-branch Murex, <i>Chicoreus palmarosae</i>	Muricidae	A
1403b	1190fr	Queen Conch, <i>Lobatus gigas</i>	Strombidae	A
1403c	3000fr	Costate Cockle, <i>Cardium costatum</i>	Cardiidae	A
1403d	3000fr	First Pagoda Shell, <i>Columbarium pagoda pagoda</i>	Turbinellidae	A
1428	SS 7500fr	Triton's Trumpet, <i>Charonia tritonis</i>	Ranellidae	A
<b>CAPE VERDE</b>		<b>2011</b> (Nudibranchs) (Set of 5)		
954	5e	an aolid nudibranch, <i>Flabellina arveloi</i>	Flabellinidae	A
955	10e	an aolid nudibranch, <i>Flabellina bulbosa</i>	Flabellinidae	A
956	20e	Spotted Sea Hare, <i>Aplysia dactylomela</i>	Aplysiidae	A
957	40e	a nudibranch, <i>Pleurobranchus garciagomezi</i>	Pleurobranchidae	A
958	60e	a dorid nudibranch, <i>Hypselodoris</i> sp.	Chromodorididae	A
<b>CHINA (Taiwan)</b>		<b>2013 August 16</b> (Chinese Dishes) (Horiz strip of 4)		
4133c	\$5	Oyster omelet, teapot, and condiment bowl		G
		<b>2014 January 8</b> (Corals) (Set of 4)		
4153	\$3.50	a soft coral, <i>Dendronephthya gigantea</i>	Nephtheidae	A
4154	\$6	Leaf Coral, <i>Pavona cactus</i>	Agariciidae	A
4155	\$10	an acroporid coral, <i>Acropora granulosa</i>	Acroporidae	A
4156	\$16	Knotted Fan Coral, <i>Melithaea ochracea</i>	Melithaea	A
<b>CHINA P.R.</b>		<b>2013 June 1</b> (Tadpoles and Pond Life) (Horiz strip of 5 & Bklt)		
4114a	80f	Shrimp		U
4114c	\$1.20	Crab		U
4114f		Bklt of 5 (Sc#4114a-e)		
<b>CHRISTMAS ISLAND</b>		<b>2013 January 13</b> (New Year)		
511i	25c	Goat and onions with snail		U C
511l	25c	Dog and milk bottles with snail		U C
		<b>2013 November 1</b> (Christmas) (SS of 2 & 2ea Bklt)		
520	55c	Red crabs, turtle, and Santa Claus		U B
521	\$1.80	Red crabs and Santa Claus		U B
521a		SS of 2 (Sc#520-21)		
522	\$1.80	Red crabs and Santa Claus		U B
522a		Bklt pane of 5 (Sc#522)		
523	\$1.80	Red crabs and Santa Claus		U B
523a		Bklt pane of 5 (Sc#523)		
<b>COOK ISLANDS</b>		<b>2013 February 20</b> (Cook Islands Marine Park) (Set of 6)		
1434	90c	Giant Clam, <i>Tridacna</i> sp.	Tridacnidae	A
		<b>2014 January 3</b> (Highland Paradise Scenes)		
1482	10c	Native blowing Conch		B
<b>CROATIA</b>		<b>2014 April 9</b> (Marine Life) (MS of 4+4 etiquettes)		
902b	5.80k	Golden Sponge, <i>Aplysina aerophoba</i>	Aplysinidae	A
902c	5.80k	European Fanworm, <i>Sabella spallanzanii</i>	Sabellidae	A
902d	5.80k	Mediterranean Violet Aeolid, <i>Flabellina affinis</i>	Flabellinidae	A

**CUBA****2012 June 6** (Shells) (Set of 5 & SS)

5299	10c	Golden Cowrie, <i>Lyncina aurantium</i>	Cypraeidae	A
5300	30c	Fighting Conch, <i>Strombus pugilis</i>	Strombidae	A
5301	45c	Lighting Volute, <i>Voluta fulgetrum</i>	Volutidae	A
5302	65c	Giant Sundial, <i>Architectonica maximum</i>	Architectonicidae	A
5303	75c	Beau's Murex, <i>Murex beaulti</i>	Muricidae	A
5304	85c	a thorny oyster, <i>Spondylus aurantium</i>	Spondylidae	A
5305	SS 1p	a wentletrap shell, <i>Epitonium pretiosum</i>	Epitoniidae	A

**2012 November 29** (Flora and Fauna) (Set of 5 & SS)

5336	75c	a land snail, <i>Polymita</i> sp.	Helminthoglyptidae	U A
------	-----	-----------------------------------	--------------------	-----

**CZECH REPUBLIC****2013 September 4** (Flora and Fauna of the Karlštejn Region) (SS of 4)

3579	Label	a land snail, <i>Cepaea vindobonensis</i>	Helicidae	A
------	-------	---	-----------	---

**DOMINICA****2013 September 2** (Corals) (MS of 8 & SS)

2791a	90c	Pink coral		U A
2791b	90c	Purple and pink coral		U A
2791c	90c	Dark red coral		U A
2791d	90c	Blue coral		U A
2791e	90c	Purple and pink coral		U A
2791f	90c	Pink coral		U A
2791g	90c	Yellow green coral		U A
2791h	90c	Blue coral		U A
2792	SS 90c	<i>Nephytyigorgia</i> sp.	Nidaliidae	U A

**2013 September 2** (Corals) (MS of 7 & SS)

2795a	65c	Branching coral		U A
2795b	65c	Branching coral		U A
2795d	65c	Fish and branching coral		U A
2795f	65c	Jellyfish		U A
2795g	65c	Sea grass and starfish		U A
2796	SS \$5	<i>Strombus gigas</i> , Queen Conch	Strombidae	A

**FALKLAND ISLANDS****2013 August 29** (Marine Life) (Set of 4, Strip of 4, & SS of 3)

1102	25c	Saffron Sea Cucumber, <i>Cladodactyla crocea</i> (white frame)	Cucumariidae	A
1103	25c	Stalked Jellyfish, <i>Haliclystus antarcticus</i> (white frame)	Lucemariidae	A
1104	25c	Scythe-edged Serolis, <i>Acanthoserolis schythei</i> (white frame)	Serolidae	A
1105	25c	Naked Sea Urchin, <i>Arbacia dufresnii</i> (white frame)	Arbaciidae	A
1106a	25c	Saffron Sea Cucumber, <i>Cladodactyla crocea</i>	Cucumariidae	A
1106b	25c	Stalked Jellyfish, <i>Haliclystus antarcticus</i>	Lucemariidae	A
1106c	25c	Scythe-edged Serolis, <i>Acanthoserolis schythei</i>	Serolidae	A
1106d	25c	Naked Sea Urchin, <i>Arbacia dufresnii</i>	Arbaciidae	A
1107a	\$1	Painted Shrimp, <i>Campylonotus vegans</i>	Campylonotidae	A

**FAROE ISLANDS****2014 February 26** (Jellyfish) (Set of 4)

613	8k	Moon Jellyfish, <i>Aurelia aurita</i>	Ulmaridae	A
614	15.50k	Lion's Mane Jellyfish, <i>Cyanea capillata</i>	Cyaneidae	A
615	18.50k	Mauve Stinger, <i>Pelagia noctiluca</i>	Pelagiidae	A
616	26k	Comb Jellyfish, <i>Beroe cucumis</i>	Beroidae	A

**FIJI****2013 October 30** (Mangrove Protection) (Set of 4)

1297	65c	Mangrove, jellyfish, and starfish		U B
------	-----	-----------------------------------	--	-----

**FRANCE****2013 February 22** (Way of St. James)

4351	4x80c	Shell in monument on margin of MS of 4		S
------	-------	--	--	---

**FRENCH POLYNESIA****2013 June 7** (Marine Fauna) (Set of 4 and SS)

1101	5fr	Starfish		U A
1102	10fr	<i>Tridacna</i> sp., Giant Clam	Tridacnidae	U A
1103	75fr	Sea Anemone		U A
1104a		SS of 4 (Sc#1101–04)		

**2014 January 20** (New Banknotes) (Set of 4 & SS)

1117	75fr	Shell, coral, and fish on new banknote		U B
1118a		SS of 4 (Sc#1115–18)		

**FRENCH SOUTHERN & ANTARCTIC TERR.****2014 January 2** (Mollusks) (MS of 5)

502a	63c	Kerguelen Mussel, <i>Mytilus desolationis</i>	Mytilidae	A
502b	63c	Challenger Volute, <i>Provocator pulcher</i>	Volutidae	A
502c	63c	Magellan Mussel, <i>Aulacomya atra</i>	Mytilidae	A
502d	63c	Antarctic Whelk, <i>Neobuccinum eatoni</i>	Buccinidae	A
502e	63c	Antarctic Clam, <i>Laternula elliptica</i>	Mytilidae	A

**2014 January 2** (Birds) (MS of 4)

503	Margin	Stylized Lobster, <i>Jasus paulensis</i> (coat of arms)	Palinuridae	S
-----	--------	---	-------------	---

**GAMBIA****2013 February 20** (Shells) (MS of 4 & SS)

3481a	35d	a Murex shell, <i>Chicoreus clausii</i>	Muricidae	A
3481b	35d	a brackish water snail <i>Tympanotonos fuscatus</i>	Potamididae	A
3481c	35d	a Distortio snail, <i>Distorsio smithi</i>	Personidae	A
3481d	35d	Black African Nerite, <i>Nerita senegalensis</i>	Neritidae	A
3482	SS 110d	a carrier shell, <i>Xenophora crispa senegalensis</i>	Xenophoridae	A

**GHANA****2013 February 12** (African Seashells) (MS of 4 & SS)

2735a	2.25ce	a marine snail, <i>Gymnobela abyssorum</i>	Raphitomidae	A
2735b	2.25ce	Rat Cowrie, <i>Cypraea stercoraria minima</i>	Cypraeidae	A
2735c	2.25ce	a moon snail, <i>Euspira notabilis</i>	Naticidae	A
2735d	2.25ce	a cone snail, <i>Conus ateralbus</i>	Conidae	A
2736	SS 7ce	The Cockles, <i>Cardium maxicostatum</i>	Cardiidae	A

**GREAT BRITAIN (Jersey)****2013 June 2** (Queen Elizabeth II 60th anniv.)

1681b	£2	Various shells in lower panel in bottom marginal block		U B
1681c		SS of 2 (Sc#1681a–b)		

**GRENADA****2013 January 3** (Seashells) (MS of 3, MS of 4, & 2 SS)

3871a	\$3.50	Short Abbreviate Coral Shell, <i>Coralliophila abbreviata</i>	Muricidae	A
3871b	\$3.50	Winged Surfclam, <i>Mactromeris polynyma</i>	Mactridae	A
3871c	\$3.50	Brown-line Niso, <i>Niso aeglees</i>	Eulimidae	A
3872a	\$3.50	Spotted Brazilian Top Shell, <i>Calliostoma adpersum</i>	Calliostomatidae	A
3872b	\$3.50	Acuminate Phos, <i>Nassaria acuminata</i>	Buccinidae	A
3872c	\$3.50	Florida Fighting Conch, <i>Strombus alatus</i>	Strombidae	A
3872d	\$3.50	Jasper Cone, <i>Conus jaspideus</i>	Conidae	A
3873a	\$4.50	Pointed Nut Clam, <i>Nuculana acuta</i>	Nuculanidae	A
3873b	\$4.50	White Pitar, <i>Pitar albidus</i>	Veneridae	A
3873		SS of 2 (Sc#3873a–b)		
3874	SS \$9	Boring Turret Snail, <i>Turritella acropora</i>	Turritellidae	A

**GUYANA****2013 April 3** (World Environment Day) (MS of 3)

4212a	\$275	Starfish, shells, octopus, a crab, and various fish		U B
-------	-------	---	--	-----



<b>GUYANA</b> (continued)		<b>2013 April 3</b> (Sharks) (MS of 6 & SS)		
4214f	\$225	Corals behind shark		U B
4215	SS \$710	Corals beneath shark		U B
		<b>2013 April 29</b> (Pope Benedict XVI Visit to Great Britain) (MS of 4)		
4235c	\$225	Scallop, <i>Pecten jacobaeus</i> (on mitre of Pope Benedict XVI)	Pectinidae	C
<b>ICELAND</b>		<b>2014 May 8</b> (Festivals) (Set of 5 s/a)		
1341	(112k)	Lobster festival, Holn		S
<b>JAPAN</b>		<b>2013 May 23</b> (Animals) (Set of 5 & Strip of 5)		
3548	80¥	Common Orient Clam, <i>Meretrix lusoria</i>	Veneridae	A
3548a		Vert strip of 5 (Sc#3544-48)		
		<b>2013 July 5</b> (Constellations) (MS of 10)		
3563a	80¥	Cancer the Crab		S
<b>KAZAKHSTAN</b>		<b>2013 April 25</b> (Lunar Calendar Animals) (MS of 12)		
698e	100te	Snail		U A
<b>KUWAIT</b>		<b>2012 November</b> (Children's Art) (Sheet of 20)		
1723p	50f	Shells and fish		U B
<b>LIBERIA</b>		<b>2013 April 4</b> (History of Art) (MS of 5)		
2854d	\$75	Shells and book		U B
2854e	\$75	Shells and bowl		U B
<b>MALAYSIA</b>		<b>2013 June 28</b> (Marine Life) (2 Horiz pairs & SS)		
1461a	60c	Magnificent Sea Anemone, <i>Heteractis magnifica</i>	Stichodactylidae	A
1461b	60c	Soft Coral, <i>Sarcophyton</i> sp.	Alcyoniidae	A
1462a	60c	Bennett's Feather Star, <i>Oxycomanthus bennetti</i>	Comasteridae	A
1462b	60c	Orange Sea Pen, <i>Ptilosarcus gurneyi</i>	Pennatulidae	A
1463	SS \$5	Table Coral, <i>Acropora</i> sp.	Acroporidae	A
<b>MALDIVE ISLANDS</b>		<b>2013 September 30</b> (Starfish) (MS of 4 & SS)		
3027a	20r	L: Indian Sea Star, <i>Fromia indica</i>	Goniasteridae	A
		R: Panamic Cushion Sea Star, <i>Pentaceraster cumingi</i>	Oreasteridae	A
3027b	20r	L: Red Comb Starfish, <i>Astropecten aranciacus</i>	Astropectinidae	A
		R: Common Sea Star, <i>Asterias rubens</i>	Asteriidae	A
3027c	20r	L: Red Knobbed Starfish, <i>Protoreaster linckii</i>	Oreasteridae	A
		R: Granulated Sea Star, <i>Choriaster granulatus</i>	Oreasteridae	A
3027d	20r	L & R: Horned Sea Star, <i>Protoreaster nodosus</i>	Oreasteridae	A
3036	SS 60r	L: Icon Starfish, <i>Iconaster longimanus</i>	Goniasteridae	A
		R: Necklace Starfish, <i>Fromia monilis</i>	Goniasteridae	A
Margin		LL & LR: Necklace Starfish, <i>Fromia monilis</i>	Goniasteridae	Z
		<b>2013 September 30</b> (Shells) (MS of 4 & SS)		
3031a	22r	Checkerboard Bonnet, <i>Phalium areola</i>	Cassidae	A
3031b	22r	Tan and White Cowry, <i>Cypraea cribraria</i>	Cypraeidae	A
3031c	22r	Vexillum Cone, <i>Conus vexillum</i>	Conidae	A
3031d	22r	Lancinate Conch, <i>Strombus sinuatus</i>	Strombidae	A
3040	SS 70r	Crowned Baler, <i>Melo aethiopicus</i>	Volutidae	A
Margin		UR: Venus Comb Murex, <i>Murex pecten</i>	Muricidae	Z
		LL: Veined Rapa Whelk, <i>Rapana venosa</i>	Muricidae	Z
		LL: a murex shell, <i>Morula uva</i>	Muricidae	Z
		LR: Rose-branch Murex, <i>Chicoreus palmarosae</i>	Muricidae	Z
		R: Indian Purple/Duplicate Screw Shell, <i>Turritella duplicata</i>	Turritellidae	Z

<b>MALDIVE ISLANDS</b> (continued)		<b>2013 October 25</b> (Protected Marine Species) (MS of 4)		
3043c	22r	Atlantic Triton, <i>Charonia variegata</i>	Ranellidae	A
<b>MARSHALL ISLANDS</b>		<b>2013 January 28</b> (Marine Life) (Set of 2)		
1051	\$19.95	Starfish		U A
		<b>2014 January 26</b> (Shells) (Set of 3)		
1074	34c	Reticulated Helmet, <i>Cypraecassis testiculus</i>	Cassidae	A
1075	49c	New England Neptune, <i>Neptunea lyrata</i>	Buccinidae	A
1076	\$1.15	Calico Scallop, <i>Argopecten gibbus</i>	Pectinidae	A
<b>MAURITANIA</b>		<b>2013</b> (Marine Life) (Set of 7)		
841	370um	Cuttlefish, <i>Sepia officinalis</i>	Sepiidae	A
<b>MICRONESIA</b>		<b>2013 July 7</b> (Shells) (MS of 6 & SS)		
1039a	\$1	White Abalone, <i>Haliotis sorenseni</i>	Haliotidae	A
1039b	\$1	Florida Crown Conch, <i>Melongena corona</i>	Melongenidae	A
1039c	\$1	Lion's Paw Scallop, <i>Lyropecten nodosus</i>	Pectinidae	A
1039d	\$1	Atlantic Slit Shell, <i>Pleurotomaria rumphii</i>	Pleurotomariidae	A
1039e	\$1	Zigzag Venus, <i>Lioconcha castrensis</i>	Veneridae	A
1039f	\$1	a cone shell, <i>Conus ammiralis</i>	Conidae	A
1040	SS \$3.50	Melon Sea Urchin, <i>Echinus melo</i>	Echinidae	A
<b>MONGOLIA</b>		<b>2014 June 13</b> (Bogd Khan Museum) (SS of 1)		
2808	SS 2000fr	R: Indian Chank, <i>Xancus pyrum</i> (highly stylized in margin)	Turbinellidae	S Z
<b>MONTENEGRO</b>		<b>2012 May 14</b> (Tourism) (Set of 4 & SS)		
310	95c	Suitcase with fish, starfish, and shells		S
310a		SS of 4 (Sc#307–10)		
<b>MOZAMBIQUE</b>		<b>2013 March 25</b> (Pope Benedict XVI) (SS of 1)		
2877	SS 175m	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
		<b>2013 June 25</b> (Pope Benedict XVI) (MS of 4 & SS)		
2885a	16m	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
2885b	16m	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
2885c	92m	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
2885d	92m	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
2915	SS 175m	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
		<b>2013 June 25</b> (Marine Life and Seafood Dishes) (MS of 4 & SS)		
2911a	16m	Edible Mussel, <i>Mytilus edulis</i>	Mytilidae	A
2911b	16m	Tiger Prawn, <i>Penaeus monodon</i>	Penaeidae	A
2911c	92m	Quahog, <i>Mercenaria mercenaria</i>	Veneridae	A
2911d	92m	Blue Crab, <i>Callinectes sapidus</i>	Portunidae	A
2941	SS 175m	Edible Mussel, <i>Mytilus edulis</i>	Mytilidae	A
	Margin	UL: Quahog, <i>Mercenaria mercenaria</i>	Veneridae	Z
		LR: Tiger Prawn, <i>Penaeus monodon</i>	Penaeidae	Z
		<b>2013 June 25</b> (Frogs and Snails) (MS of 4 & SS)		
2912a	16m	Copse Snail, <i>Arianta arbustorum</i>	Helicidae	A
2912b	16m	Great Ramshorn, <i>Planorbarius corneus</i>	Planorbidae	A
2912c	92m	Assassin Snail, <i>Clea helena</i>	Buccinidae	A
2912d	92m	Horned Nerite Snail, <i>Clithon corona</i>	Neritidae	A
2942	SS 175m	Copse Snail, <i>Arianta arbustorum</i>	Helicidae	A

<b>MOZAMBIQUE</b> (continued)		<b>2013 June 25</b> (Lighthouses and Shells) (MS of 4 & SS)		
2971a	46m	Great Ribbed Cockle, <i>Cardium costatum</i>	Cardiidae	A
2971b	46m	a nautilus, <i>Nautilus</i> sp.	Nautilidae	A
2971c	46m	Queen Conch, <i>Strombus gigas</i>	Strombidae	A
2971d	46m	Channeled Babylon, <i>Babylonia canaliculata</i>	Babyloniidae	A
3001	SS 175m	a bivalve, <i>Anadara corbuloides</i>	Arcidae	A
<b>NETHERLANDS</b>		<b>2013 March 25</b> (Reopening of Rijksmuseum) (MS of 10)		
1439c	1	Shells on painting "Still Life of Fruits and Flowers" by Balthasar van der Ast		B
<b>NEW CALEDONIA</b>		<b>2013 June 8</b> (Marine Life in Lagoons) (Bklt pane of 10)		
1156f	110fr	Maxima Clam, <i>Tridacna maxima</i>	Tridacnidae	A
1156h	110fr	Pronghorn Spiny Lobster, <i>Panulirus penicillatus</i>	Palinuridae	A
		<b>2013 November 6</b> (Christmas s-o-s)		
1170	110fr	a nautilus, <i>Nautilus</i> sp.	Nautilidae	B
		<b>2014 January 20</b> (New Banknotes) (MS of 4)		
1171c	110fr	Shells, corals, and fish on 5000fr Banknote		B
<b>NEW ZEALAND (Ross Dependency)</b>		<b>2013 November 20</b> (Antarctic Food Web) (Set of 5 & SS)		
L129	70c	Antarctic Krill, <i>Euphausia superba</i>	Euphausiidae	A
L133a		SS of 5 (Sc#L129-33)		
<b>NIGER</b>		<b>2013 July 1</b> (Dolphins and Shells) (MS of 4)		
1244b	750fr	Chank Shell, <i>Turbinella pyrum</i>	Turbinellidae	A
1244c	750fr	Bat Volute, <i>Cymbiola vespertilio</i>	Volutidae	A
<b>PALAU</b>		<b>2013 March 20</b> (Seashells of the Pacific)		
1133a	\$1.20	Glory of the Sea Cone, <i>Conus gloriamaris</i>	Conidae	A
1133b	\$1.20	White-banded Bubble, <i>Hydatina albocincta</i>	Aplustridae	A
1133c	\$1.20	Peppered Marginella, <i>Marginella strigata</i>	Marginellidae	A
1133d	\$1.20	Beech Cone, <i>Conus betulinus</i>	Conidae	A
1134	SS \$3.50	a Tellina shell, <i>Tellina pharaonis</i>	Tellinidae	A
		<b>2013 September 17</b> (Cultured Pearls) (MS of 4 & SS)		
1163a	\$2	Large brown pearl in oyster shell		A
1163b	\$2	Large white pearl		A
1163c	\$2	Three pearls		A
1163d	\$2	Small pearl in oyster shell		A
1164	SS \$4	Pearl, tan background		A
		<b>2013 October 1</b> (Photographs of Marine Life) (MS of 6)		
1167a	\$1.10	Chalice Coral, <i>Oxypora</i> sp. (country name at UL)	Pectiniidae	A
1167e	\$1.10	Medusa worm on red sponge		U A
1167		MS of 6 (Sc#1167a-f)		
1168d	\$1.10	Anemone and pink anemone fish (country name at UL)		U A
1168		MS of 6 (Sc#1168a-f)		
	Margin	Medusa worm on red sponge		U Z
1169b	\$1.10	Chambered Nautilus, <i>Nautilus pompilus</i>	Nautilidae	A
1169d	\$1.10	Red Sea Fan		A U
1169e	\$1.10	Soft Coral Crab		A U
1169		MS of 6 (Sc#1169a-e, Sc#1168f)		

<b>PALAU (continued)</b>		<b>2013 October 1 (Photographs of Marine Life) (MS of 6)</b>		
1170a	\$1.10	Chalice Coral, <i>Oxypora</i> sp. (country name at L)	Pectiniidae	A
1170c	\$1.10	Anemone and pink anemone fish (country name at L)		U A
1170		MS of 6 (Sc#1170a–f)		
1171a	\$1.10	Spotted Jellyfish, <i>Mastigias papua</i> (three jellyfish)	Mastigiidae	A
1171b	\$1.10	Starfish on Red Coral Fan (horiz country name at UL)		U A
1171c	\$1.10	Spotted Jellyfish, <i>Mastigias papua</i> (with diver)	Mastigiidae	A
1171d	\$1.10	Chalice Coral, <i>Oxypora</i> sp. (country name at UL)	Pectiniidae	A
1171		MS of 6 (Sc#1171a–f)		
	Margin	Top: Cup Coral, <i>Tubastrea aurea</i>	Dendrophylliidae	Z
1172b	\$1.10	Anemone and pink anemone fish (horiz country name at UL)		A
1172c	\$1.10	Cup Coral, <i>Tubastrea aurea</i> (horiz country name at UL)	Dendrophylliidae	A
1172		MS of 6 (Sc#1172a–e, Sc#1171d)		
	Margin	R: Spotted Jellyfish, <i>Mastigias papua</i> (with diver)	Mastigiidae	Z
1173a	\$1.10	Cup Coral, <i>Tubastrea aurea</i> (vert country name at UL)	Dendrophylliidae	A
1173e	\$1.10	Anemone and pink anemone fish (vert country name at UL)		A
1173f	\$1.10	Starfish on Red Coral Fan (vert country name at UL)		U A
1173		MS of 6 (Sc#1173a–f)		
<b>PHILIPPINES</b>		<b>2013 August 2 (Marine Biodiversity) (MS of 8+label)</b>		
3493	Margin	UR: Jellyfish		U Z
		Bot: Various corals as part of reef		U Z
3493i		MS of 8+label (Sc#3493 ovpt Thailand 2013 World Stamp Exhibition emblem)		
		<b>2013 October 14 (Shrimp) (Block of 4 &amp; SS)</b>		
3494a	10p	Banded Deep-sea Spiny Shrimp, <i>Stenopus goyi</i>	Stenopodidae	A
3494b	10p	Deep-sea Shrimp, <i>Stylodactylus multidentatus multidentatus</i>	Stylodactylidae	A
3494c	10p	Huxley's Scissor-foot Shrimp, <i>Psalidopus huxleyi</i>	Psalidopodidae	A
3494d	10p	Deep-sea Armored Shrimp, <i>Glyphocrangon proxima</i>	Glyphocrangonidae	A
3494		Block of 4 (Sc#3494a–d)		
3494e		SS of 4 (Sc#3494a–d)		
<b>PITCAIRN ISLANDS</b>		<b>2013 May 29 (Lobsters) (SS of 3)</b>		
755a	\$1	Easter Island Spiny Lobster, <i>Panulirus pascuensis</i>	Palinuridae	A
755b	\$2	Aesop Slipper Lobster, <i>Scyllarides haanii</i>	Scyllaridae	A
755c	\$3.40	Pronghorn Spiny Lobster, <i>Panulirus penicillatus</i>	Palinuridae	A
755		SS of 3 (Sc#755a–c)		
	Margin	Top: Easter Island Spiny Lobster, <i>Panulirus pascuensis</i>	Palinuridae	Z
<b>ST. THOMAS AND PRINCE IS.</b>		<b>2010 January 25 (Pope Benedict XVI) (SS of 1)</b>		
2224	110000d	Scallop, <i>Pecten jacobaeus</i> (on coat of arms Pope Benedict XVI)	Pectinidae	C
		<b>2010 May 5 (Paintings by Sandro Botticelli) (MS of 6)</b>		
2287b	20000d	Scallop in painting "The Birth of Venus"		B
		<b>2010 September 2 (Crustaceans) (MS of 5)</b>		
2314a	10000d	L: a lysianassid amphipod, <i>Anonyx nugax</i>	Uristidae	A
		R: a crustacean, <i>Aristas timidus</i>		A
2314b	15000d	Top: Brown Grass Shrimp, <i>Leander tenuicornis</i>	Palaemonidae	A
		Bot: a small crustacean, <i>Dyastylis glabra</i>		A
2314c	20000d	a small crab, <i>Lophozozymus incisus</i>	Xanthidae	A
2314d	20000d	Top: a boxer crab, <i>Lybia tessellata</i>	Xanthidae	A
		Bot: a marine porcelain crab, <i>Petrolisthes donadio</i>	Porcellanidae	A
2314e	25000d	Brown Grass Shrimp, <i>Leander tenuicornis</i>	Palaemonidae	A
2314		MS of 5 (Sc#2314a–e) (various crustaceans in margin on all sides)		

<b>ST. THOMAS AND PRINCE IS. (cont)</b>		<b>2010 September 2 (Crustaceans) (SS of 1)</b>		
2323	SS 80000d	Blue Land Crab, <i>Cardisoma guanhumi</i>	Gecarinidae	A
	Margin	LL: Inflated Spiny Crab, <i>Rochinia crassa</i>	Epiplatidae	Z
		Bot: a freshwater crayfish, <i>Procambarus clarkii</i>	Cambaridae	Z
		UR: a crab, <i>Platozius laevis</i>	Euryplacidae	Z
		LR: West Indian Spider Crab, <i>Mithrax spinosissimus</i>	Majidae	Z
		<b>2011 February 25 (Marine Life) (MS of 4)</b>		
2378c	31250d	Coconut Crab, <i>Birgus latro</i>	Coenobitidae	A*
2378		MS of 4 (Sc#2378a–d)		
<b>ST. VINCENT</b>		<b>2013 February 28 (Crabs) (MS of 4 &amp; SS)</b>		
3845a	\$3.50	Clinging Crab		A
3845b	\$3.50	Yellowline Arrow Crab, <i>Stenorhynchus seticornis</i>	Inachidae	A
3845c	\$3.50	Redeye Sponge Crab, <i>Dromia erythropus</i>	Dromiidae	A
3845d	\$3.50	White-spotted Hermit Crab, <i>Dardanus megistos</i>	Diogenidae	A
3846	SS \$9	White-spotted Hermit Crab, <i>Dardanus megistos</i>	Diogenidae	A
		<b>2013 April 4 (Caribbean Seashells) (MS of 5)</b>		
3847a	\$2.75	Triton's Trumpet, <i>Charonia tritonis</i>	Ranellidae	A
3847b	\$2.75	Flame Auger, <i>Terebra taurina</i>	Terebridae	A
3847c	\$2.75	Angular Triton, <i>Cymatium femorale</i>	Ranellidae	A
3847d	\$2.75	Banded Tulip, <i>Fasciolaria tulipa</i>	Fasciolaria	A
3847e	\$2.75	Lion's Paw Scallop, <i>Nodipecten nodosus</i>	Pectinidae	A
<b>SAMOA</b>		<b>2014 January 10 (Marine Life) (Set of 12)</b>		
1175	\$7	Bear Paw Clam, <i>Hippopus hippopus</i>	Tridacnidae	A*
<b>SIERRA LEONE</b>		<b>2013 September 9 (African Seashells) (MS of 4 &amp; SS)</b>		
3163a	5000le	Algoa Cone, <i>Conus algoensis scitulus</i>	Conidae	A*
3163b	5000le	Radial Pagoda Shell, <i>Columbarium radiale</i>	Turbinellidae	A*
3163c	5000le	Clarke's Volute, <i>Fusivoluta clarkei</i>	Volutidae	A*
3163d	5000le	Ridged Burnupena, <i>Burnupena cincta</i>	Buccinidae	A*
3164	SS 16000le	Onion Shell, <i>Melapium lineatum</i>	Strepsiduridae	A*
<b>SINGAPORE</b>		<b>2013 July 13 (Gardens) (Set of 4, SS of 1, s/a SS of 4)</b>		
1609	50c	Tree Climbing Crab, <i>Episesarma</i> sp.	Sesarmidae	B
1611	\$1.10	Knobby Sea Star, <i>Protoreaster linckii</i>	Oreasteridae	B
1612	SS \$5	Composite of Sc#1608–11		
1613b	50c	Tree Climbing Crab, <i>Episesarma</i> sp.	Sesarmidae	B
		<b>2013 August 23 (Singapore 2015) (Horiz pair+label &amp; SS of 2)</b>		
1620a	\$2	Giant Clam, <i>Tridacna</i> sp.	Cardiidae	A*
1621a	\$5	Giant Clam, <i>Tridacna</i> sp.	Cardiidae	A*
<b>SLOVAKIA</b>		<b>2013 June 7 (Zodiac Symbols) (Single+label)</b>		
665	(45c)	Symbol for Cancer the Crab		S
<b>SLOVENIA</b>		<b>2013 (Scouting)</b>		
1039	77c	Snail and scouts		C
<b>SOLOMON ISLANDS</b>		<b>2012 June 5 (Pottery and Shells) (MS of 5)</b>		
1153a	\$9	Commercial Top Shell, <i>Trochus niloticus</i>	Tegulidae	A
1153b	\$9	Glory of the Sea Cone, <i>Conus gloriamaris</i>	Conidae	A
1153c	\$9	Golden Cowrie, <i>Lyncina aurantium</i>	Cypraeidae	A
1153d	\$9	Chambered Nautilus, <i>Nautilus pompilius</i>	Nautilidae	A
1153e	\$27	Venus Comb Murex, <i>Murex pecten</i>	Muricidae	A



**SOLOMON ISLANDS** (continued) **2012 June 5** (Reef Fish) (MS of 5)

1163 Margin MS of 5 (Sc#1163a–e) various corals U Z

**SOUTH AFRICA** **2013 September 20** (Symbols of South African Cultures) (MS of 10)

1498e (4.50r) Biombos shell beads, oldest symbolic ornaments in South Africa U B

1498 MS of 10 (Sc#1498a–j)

**SOUTH GEORGIA ISLANDS** **2013 August 29** (Marine Life) (Set of 4, Strip of 4, & SS of 3)

480 65p a chiton, *Tonicina zschau* (with white frame) Ischnochitonidae A

481 75p an anemone, *Edwardsia* sp. (with white frame) Edwardsiidae A

483 £1.20 a brittle star, *Ophiomages cristatus* (with white frame) Ophiuridae A

484a 65p a chiton, *Tonicina zschau* Ischnochitonidae A

484b 75p an anemone, *Edwardsia* sp. Edwardsiidae A

484d £1.20 a brittle star, *Ophiomages cristatus* Ophiuridae A

484 Strip of 4 (Sc#484a–d)

485a 65p a starfish, *Henricia pagenstecheri* Echinasteridae A

485 SS of 3 (Sc#485a, Ascension Sc#1104a, Falkland Is. Sc#1107a)

**SWEDEN** **2014 May 6** (Church Art) (Strip of 5 and Bklt)

2731e (7k) Baptismal font crafted from a shell S

2731 Vert strip of 5 (Sc#2731a–e)

2731f Bklt pane 10 (2ea Sc#2731a–e)

**TUVALU** **2013 June 3** (Pacific Seashells) (MS of 5)

1246a \$1 Depressed Cowry, *Mauritia depressa* Cypraeidae A

1246b \$1 Japanese Wonder Shell, *Thatcheria mirabilis* Raphitomidae A

1246c \$1 Fluted Giant Clam, *Tridacna squamosa* Tridacnidae A

1246d \$1 Chambered Nautilus, *Nautilus pompilius* Nautilidae A

1246e \$1 Precious Wentletrap, *Epitonium scalare* Epitoniidae A

**VANUATU** **2012 December 5** (Greetings) (Set of 4)

1049 100fr Corals, fish, and scuba diver on coral reef B

**2013 November 6** (Christmas) (Set of 4)

1065 40fr Santa Claus on hammock with Crab B

1066 100fr Santa Claus snorkeling on Coral Reef B

**2013 December 11** (Underwater Post Office, 10th Anniversary)

1069 SS 350fr Various corals and fish on margin with underwater post office Z

**WALLIS & FUTUNA ISLANDS** **2013 January 17** (Ocean Garden Painting) (Set of 2)

719 85fr Various shells (vert format) S

720 85fr Various shells (horiz format) S

**2014 January 24** (New Banknotes) (Set of 4)

739 115fr Nautilus, coral, and fish on 5000fr banknote B



# ENTOMOLOGY

Editor



Donald P. Wright, Jr., BU243

## New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	
<b>ANDORRA (French) 2014 September 6 (Butterflies) (from Jose Reis)</b>				
	83c	Scotch Argus, <i>Erebia aethiops</i> Esper	NYM, Satyrinae	A*
<b>ARUBA 2014 August 21 (Each image spans entire sheet of 6 stamps)</b>				
	6×200c	Atlas Moth, <i>Attacus atlas</i> L.	SAT, Saturniinae	A
	6×200c	Giant Swallowtail, <i>Papilio cresphontes</i> Cramer	PAP, Papilioninae	A
<b>AUSTRALIA 2013 April 2 (Baby animals with attached personalized photo)</b>				
3898	\$1.75	U/I CATERPILLAR (like Sc#3890) (with wombat)		U C
3899	\$2.60	U/I ANT (like Sc#3891) (with echidna)		U C
<b>2014 September 23 (Things That Sting) (MS of 6)</b>				
a	70c	German or European wasp, <i>Vespula germanica</i> L.	VES, Vespinae	A*
c	70c	Red Bull Ant, <i>Myrmecia gulosa</i> Fabr.	FOR, Myrmicinae	A*
<b>AUSTRIA 2014 August 29 (Characters from TV show "Maya the Bee") (MS of 4)</b>				
2512a	62c	"Willy the Bee" cartoon character	Apidae	S
2512b	62c	"Maya the Bee" cartoon character	Apidae	S
2512d	62c	"Flip the GRASSHOPPER" cartoon character	Acrididae	S
<b>AZERBAIJAN 2014 August 28 (Stamperija) (MS of 2 shaped like <i>Colias</i> sp.)</b>				
a	60g	Scarce Copper, <i>Lycaena virgaureae</i> L. (Cap: <i>Heodes</i> v.)	LYC, Lycaeninae	A
b	60g	Common Blue, <i>Polyommatus Icarus</i> Rottemburg	LYC, Polyommatinae	A
	Margin	Pale Clouded Yellow, <i>Colias hyale</i> L.	PIE, Coliadinae	Z
<b>BELARUS 2013 September 10 (Edible Mushrooms)</b>				
875	(4000r)	U/I BEETLE (with <i>L. torminosus</i> mushroom)	Coleoptera	U B
876	(5500r)	U/I LADY BEETLE (with <i>C. cinereus</i> mushroom)	Coccinellidae	U B
877a		SS of 8 (2ea Sc#874-77)		
<b>BELGIUM 2014 October 6 (Butterflies) (from Jose Reis) (s/a strip of 10)</b>				
	(70c)	Queen of Spain Fritillary, <i>Issoria lathonia</i> L.	NYM, Heliconiinae	A*
	(70c)	Green Hairstreak, <i>Callophrys rubi</i> L.	LYC, Theclinae	A*
	(70c)	Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalinae	A*
	(70c)	Scarce Swallowtail, <i>Iphiclides podalirius</i> L.	PAP, Papilioninae	A*
	(70c)	Brimstone, <i>Gonepteryx rhamni</i> L.	PIE, Coliadinae	A*
	(70c)	Orange Tip, <i>Anthocharis cardamines</i> L.	PIE, Pierinae	A*
	(70c)	Ringlet, <i>Aphantopus hyperantus</i> L.	NYM, Satyrinae	A*
	(70c)	Adonis Blue, <i>Polyommatus bellargus</i> Rottemburg, ♂	LYC, Polyommatinae	A*
	(70c)	Woodland Brown, <i>Lopinga achine</i> Scopoli	NYM, Satyrinae	A*
	(70c)	Lesser Purple Emperor, <i>Apatura ilia</i> , Denis & Schiffermüller	NYM, Apaturinae	A*
<b>BOSNIA &amp; HERZEGOVINA (Serb Admin.) 2014 July 17 (Insects) (from Jose Reis)</b>				
	90pf	U/I MOSQUITO	Culicidae	U A*
	1.10m	Black Giant Ant, <i>Camponotus vagus</i> Scopoli	FOR, Formicinae	A*
	2.70m	Common Wasp, <i>Vespula vulgaris</i> L.	VES, Vespinae	A*

<b>BRUNEI</b>		<b>2013 February 28</b> (Butterflies II) (New Data)		
639	10c	Red Helen, <i>Papilio helenus</i> L.	PAP, Papilioninae	A*
640	20c	Gray Glassy Tiger, <i>Ideopsis juvena kinitis</i> Fruhstorfer	NYM, Danainae	A*
641	\$1	Black or Wise Rajah, <i>Charaxes solon echo</i> Butler	NYM, Charaxinae	A*
642	SS \$2	Lime Butterfly, <i>Papilio demoleus</i> L.	PAP, Papilioninae	A*
	Margin	LL & LR: Lime Swallowtail, <i>Papilio demoleus</i> L.	PAP, Papilioninae	Z*
		<b>2013 December 12</b> (Butterflies III)		
645	10c	Mimic, <i>Hypolimnas misippus</i> L. ♀	NYM, Nymphalinae	A*
646	20c	Branded Yeoman, <i>Algia fasciata</i> C&R Felder (Cap: <i>Paduca</i> f.)	NYM, Heliconiinae	A*
647	\$1	Blue Pansy, <i>Junonia orithya</i> L.	NYM, Nymphalinae	A*
648	SS \$2	Malayan Zebra, <i>Graphium delesserti</i> Guérin-Méneville	PAP, Papilioninae	A*
	Margin	UL & LR: Malayan Zebra, <i>G. delesserti</i> Guérin-Méneville	PAP, Papilioninae	Z*
<b>BRUNEI</b> (continued)		<b>2014 April 20</b> (Butterflies IV)		
651	10c	Great Blue Mime, <i>Papilio paradoxa telesicles</i> C&R Felder (Cap: <i>Chilasa paradoxa telesicles</i> )	PAP, Papilioninae	A*
652	20c	Malayan or Crow Eggfly, <i>Hypolimnas anomala</i> Wallace	NYM, Nymphalinae	A*
653	\$1	Clipper, <i>Parthenos sylvia</i> Cramer	NYM, Limenitidinae	A*
654	SS \$2	Borneo Birdwing, <i>Troides andromache</i> Staudinger	PAP, Papilioninae	A*
	Margin	LL & UR: Borneo Birdwing, <i>Troides andromache</i> Staudinger	PAP, Papilioninae	Z*
<b>CENTRAL AFRICA</b>		<b>2014 June 20</b> (Stamperija) (Fight Against Malaria) (MS of 4 & SS)		
a	900fr	<i>Anopheles</i> sp. (on arm)	CUL, Anophelinae	A
c	900fr	<i>Anopheles</i> sp. (with person)	CUL, Anophelinae	B
	Margin	Top <i>Anopheles</i> sp.	CUL, Anophelinae	Z
	SS 3000fr	Bot: <i>Anopheles</i> sp.	CUL, Anophelinae	Z
		<b>2014 June 20</b> (Stamperija) (Red List Animals)		
	SS 2650fr	LL: Frégate Beetle, <i>Polposipus herculeanus</i> Solier	TEN, Tenebrioninae	Z
<b>CHAD</b>		<b>2014 April 30</b> (Explorers Cousteau & Darwin) (MS of 2 & SS)		
b	300fr	Two-tailed Pasha, <i>Charaxes jasius</i> L.	NYM, Charaxinae	B
<b>COOK ISLANDS</b>		<b>2014 September 12</b> (Entomology) (Strip of 3 + 3 tabs)		
a	\$4	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A*
b	\$11.50	Castor Semi-looper Moth, <i>Achaea janata</i> L. ♂	NOC, Catocalinae	A*
c	\$13.60	28-spotted Potato Lady Beetle, <i>Henosepilachna vigintioctopunctata</i> Fabr.	COC, Epilachninae	A*
<b>CUBA</b>		<b>2014 May 27</b> (Butterflies) (from Jose Reis)		
	5c	Poey's Sulfur or Cuban Yellow, <i>Eurema amelia</i> Poey	PIE, Coliadinae	A*
	10c	Cuban Flasher, <i>Astrartes cassander</i> Fabr.	HES, Pyrginae	A*
	15c	Corrupt Skipper, <i>Panoquina corrupta</i> Herrich-Schäffer	HES, Hesperinae	A*
	20c	Marbled Skipper, <i>Chioides marmorosa</i> Herrich-Schäffer	HES, Pyrginae	A*
	40c	Cuban Purplewing, <i>Eunica heraclitus</i> Gundlach	NYM, Biblidinae	A*
	50c	Magdalia Skipper, <i>Parachoranthus magdalia</i> Herrich-Schäffer	HES, Hesperinae	A*
	65c	Holguin Skipper, <i>Holguinia holguin</i> Evans	HES, Hesperinae	A*
	75c	Munroe's Sicklewing, <i>Achylodes munroei</i> Bell (Cap: <i>Eantis</i> m.)	HES, Pyrginae	A*
	90c	Pygmy Skipper, <i>Oarisma nanus</i> Herrich-Schäffer	HES, Hesperinae	A*
<b>ESTONIA</b>		<b>2014 May 2</b> (Butterfly) (Bklt pane of 4)		
	45c	Peacock, <i>Nymphalis io</i> L.	NYM, Nymphalidae	A*
<b>FRENCH POLYNESIA</b>		<b>2014 August 28</b> (Honey Scent)		
1133	100fr	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	B*

<b>GAMBIA</b>		<b>2014 July 1</b> (Ladybugs) (from Jose Reis) (2ea MS of 4 & SS of 2)		
a	50d	2-spotted Lady Beetle, <i>Adalia bipunctata</i> L.	COC, Coccinellinae	A*
b	50d	Asian Lady Beetle, <i>Harmonia axyridis</i> Pallas (red & black)	COC, Epilachninae	A*
c	50d	Asian Lady Beetle, <i>Harmonia axyridis</i> Pallas (yellow & black)	COC, Epilachninae	A*
d	50d	Spotless Lady Beetle, <i>Cycloneda polita</i> Casey	COC, Coccinellinae	A*
	Margin	Asian Lady Beetle, <i>Harmonia axyridis</i> Pallas (orange & black)	COC, Epilachninae	Z*
a	50d	7-spotted Lady Beetle, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	A*
b	50d	7-spotted Lady Beetle, <i>C. septempunctata</i> L. (yellow leaf)	COC, Coccinellinae	A*
c	50d	Asian Lady Beetle, <i>Harmonia axyridis</i> Pallas (orange & black)	COC, Epilachninae	A*
d	50d	7-spotted Lady Beetle, <i>C. septempunctata</i> L. (dark green leaf)	COC, Coccinellinae	A*
	Margin	Bot: 7-spotted Lady Beetle, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	Z*
a	75d	10-spotted Lady Beetle, <i>Adalia decempunctata</i> L. (one bug)	COC, Coccinellinae	A*
b	75d	Asian Lady Beetle, <i>Harmonia axyridis</i> Pallas	COC, Epilachninae	A*
	Margin	LL: 7-spotted Lady Beetle, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	Z*
a	75d	10-spotted Lady Beetle, <i>Adalia decempunctata</i> L. (two bugs)	COC, Coccinellinae	A*
b	75d	Spotless Lady Beetle, <i>Cycloneda polita</i> Casey	COC, Coccinellinae	A*
	Margin	Bot: 7-spotted Lady Beetle, <i>Coccinella septempunctata</i> L.	COC, Coccinellinae	Z*
<b>GERMANY</b>		<b>2014 August 7</b> ("The Dream Eater")		
B1094	90c+40c	Stylized INSECT		S
<b>GREAT BRITAIN</b>		<b>2015 August 18</b> (Bees)		
Designs for this issue have not yet been released.				
<b>GREAT BRITAIN (Jersey)</b>		<b>2014 April 23</b> (Shakespeare's 450th Birthday)		
1745	91p	Stylized Swallowtail	PAP, Papilioninae	S
<b>GUINEA</b>		<b>2014 May 15</b> (Cats) (Stamperija)		
SS 40000fr	Margin	CTR: <i>Morpho</i> sp.	NYM, Morphinae	U Z
		<b>2014 September 1</b> (Puccini) (Stamperija) (MS of 4)		
15000fr	Margin	Madame Butterfly & <i>Morpho</i> sp.	NYM, Morphinae	U B
<b>GUINEA-BISSAU</b>		<b>2014 May 15</b> (Butterflies of the World) (Stamperija) (MS of 4 & SS)		
a	850fr	Cairns Birdwing, <i>Ornithoptera euphorion</i> Gray	PAP, Papilioninae	A*
b	850fr	Eastern Black Swallowtail, <i>Papilio polyxenes</i> Fabr.	PAP, Papilioninae	A*
c	850fr	Cydney Longwing, <i>Heliconius cydno</i> Doubleday	NYM, Heliconiinae	A*
d	850fr	Zebra, <i>Heliconius charithonia</i> L.	NYM, Heliconiinae	A*
	SS 2800fr	Painted Jezebel, <i>Delias hyparete</i> L.	PIE, Pierinae	A*
	Margin	LR: Postman, <i>Heliconius melpomene</i> L.	NYM, Heliconiinae	Z*
		<b>2014 October 20</b> (Butterflies) (Stamperija) (MS of 4 & SS)		
a	900fr	Esmeralda, <i>Cithaeris esmeralda</i> Doubleday	NYM, Satyrinae	A*
b	900fr	Large Grass Yellow, <i>Eurema hecabe</i> L.	PIE, Pierinae	A*
c	900fr	Madagascan Sunset Moth, <i>Chrysidia rhipheus</i> Drury (verso)	URA, Uraniinae	A*
d	900fr	Death's Head Moth, <i>Acherontia atropos</i> L.	SPH, Sphinginae	A*
	Margin	ML: Giant Leopard Moth, <i>Hypercompe scribonia</i> Stoll	ARC, Arctiinae	Z*
		LL: Old World Swallowtail, <i>Papilio machaon</i> L. (larva)	PAP, Papilioninae	Z*
		LR: Monarch, <i>Danaus plexippus</i> L. ♀	NYM, Danainae	Z*
	SS 2800fr	Monarch, <i>Danaus plexippus</i> L. ♀ (verso)	NYM, Danainae	A*
	Margin	LL: Green-veined White, <i>Aporia napi</i> L. (mating pair)	PIE, Pierinae	Z
		UR: Common Blue, <i>Polyommatus icarus</i> Rottemburg	LYC, Polyommatae	Z

<b>GUINEA-BISSAU</b> (continued)		<b>2014 October 20</b> (Carnivorous Plants) (Stamperija) (MS of 4 & SS)		
a	850fr	Lady Beetle, <i>Coccinella magnifica</i> Redtenbacher	COC, Coccinellinae	B
b	850fr	Common Green Grasshopper, <i>Omocestus viridulus</i> L.	ACR, Gomphocerinae	B
c	850fr	Small Heath, <i>Coenonympha pamphilus</i> L.	NYM, Satyrinae	B
	Margin	LL: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	Z
	SS 2400fr	Black Garden Ant, <i>Lasius niger</i> L.	FOR, Formicinae	B
	Margin	LL: CRANEFLY in Venus Fly Trap	Tipulidae	U Z
		Top: House Fly, <i>Musca domestica</i> L.	MUS, Muscinae	Z
		UR: INSECT in Venus Fly Trap		U Z
<b>GUYANA</b>		<b>2014</b> (from Jose Reis)		
	4×\$250	Stylized FIREFLY in a jar	Lampyridae	S
	\$800	Stylized FIREFLY & many more in margin	Lampyridae	S Z
<b>HUNGARY</b>		<b>2014 September 9</b> (Hungarian Insects) (Set of 4 & SS)		
	90ft	<i>Dendroleon pantherinus</i> Fabr.	MYR, Myrmeleontinae	A
	115ft	<i>Mantispa styriaca</i> Poda (attacking MOTH?)	Mantispidae, Mantispinae	A
	405ft	Golden-green Ground Beetle, <i>Carabus auronitens</i> Fabr.	CAR, Carabinae	A
	445ft	Large Cuckoo Wasp, <i>Stilbum cyanurum</i> Forster	Chrysididae, Chrysidinae	A
	SS 600ft	Green Hawker, <i>Aeshna viridis</i> Eversmann	AES, Aeshninae	A
	Margin	Same species UL: adult & LR: nymph		Z
<b>LUXEMBOURG</b>		<b>2014 September 23</b> (Children's Art Contest)		
1385	60c	Stylized BUTTERFLY	Lepidoptera	S
<b>MALDIVE ISLANDS</b>		<b>2014 October 14</b> (Stamperija) (MS of 4 & SS)		
a	22r	Scarce Copper, <i>Lycaena virgaureae</i> L.	LYC, Lycaeninae	A*
b	22r	Question Mark, <i>Nymphalis interrogationis</i> Fabr.	NYM, Nymphalinae	A*
c	22r	Cydney Longwing, <i>Heliconius cydno</i> Doubleday	NYM, Heliconiinae	A*
d	22r	Common Morpho, <i>Morpho helenor peleides</i> Kollar	NYM, Morphinae	A*
	SS 70r	Black-veined White, <i>Aporia crataegi</i> L.	PIE, Pierinae	A*
	Margin	Blue Triangle, <i>Graphium sarpedon</i> L.	PAP, Papilioninae	Z*
<b>MAURITIUS</b>		<b>2014 March 28</b> (Fauna & Flora) (Set of 3)		
	7r	U/I DRAGONFLY	Libellulidae	U
<b>MICRONESIA</b>		<b>2014 October 20</b> (from Jose Reis) (MS of 6 & SS)		
a	\$1	Milbert's Tortoiseshell, <i>Nymphalis milberti</i> Godart	NYM, Nymphalinae	A*
b	\$1	Blue Morpho, <i>Morpho rhetenor</i> Cramer, ♂	NYM, Morphinae	A*
c	\$1	Eastern Tiger Swallowtail, <i>Papilio glaucus</i> L., ♀	PAP, Papilioninae	A*
d	\$1	Monarch, <i>Danaus plexippus</i> L., ♂	NYM, Danainae	A*
e	\$1	New Guinea Birdwing, <i>Troides priamus</i> L.	PAP, Papilioninae	A*
f	\$1	Striped Albatross, <i>Appias libythea</i> Fabr. ♀	PIE, Pierinae	A*
	SS \$3.50	Richmond Birdwing, <i>Troides priamus richmondia</i> Gray	PAP, Papilioninae	A*
<b>NAMIBIA</b>		<b>2014</b> (Kalahari Desert) (MS of 10) (Inscribed "Postcard Rate")		
e	(\$6)	Plain Tiger, <i>Danaus chrysippus</i> L.	NYM, Danainae	A*
<b>NETHERLANDS</b>		<b>2014</b> (Butterflies Part I) (from Jose Reis)		
a	(64c)	Purple Emperor, <i>Apatura iris</i> L.	NYM, Apaturinae	A*
b	(64c)	Large Skipper, <i>Ochlodes sylvanus</i> Esper	HES, Hesperinae	A*
c	(64c)	Magpie Moth, <i>Abraxas grossulariata</i> L.	GEO, Ennominae	A*
d	(64c)	Apollo, <i>Parnassius apollo</i> L.	PAP, Parnassiinae	A*
e	(64c)	Large Copper, <i>Lycaena dispar</i> Haworth ♂	LYC, Lycaeninae	A*
	Margin	Small Garden Bumblebee, <i>Bombus hortorum</i> L.	API, Apinae	Z



<b>NETHERLANDS</b> (continued)		<b>2014</b> (Butterflies Part II) (from Jose Reis)	
a	(64c)	Orange Tip, <i>Anthocharis cardamines</i> L.	PIE, Pierinae A*
b	(64c)	Grizzled Skipper, <i>Pyrgus malvae</i> L.	HES, Pyrginae A*
c	(64c)	Small Heath, <i>Coenonympha pamphilus</i> L.	NYM, Satyrinae A*
d	(64c)	<i>Polyommatus</i> sp.	LYC, Polyommatinae A*
e	(64c)	6-spot Burnet Moth, <i>Zygaena filipendulae</i> L.	ZYG, Zygaeninae A*
Margin	UL:	Small Garden Bumblebee, <i>Bombus hortorum</i> L.	API, Apinae Z
		Top: Little Copper, <i>Lycaena phlaeas</i> L.	LYC, Lycaeninae Z
		<b>2014</b> (Butterflies Part III) (from Jose Reis)	
a	(64c)	BUTTERFLY	Pieridae?
b	(64c)	Old World Swallowtail, <i>Papilio machaon</i> L. ♀	PAP, Papilioninae A*
c,	(64c)	Speckled Wood, <i>Pararge aegeria</i> L.	NYM, Satyrinae A*
d	(64c)	Pale Clouded Yellow, <i>Colias hyale</i> L. ♀	PIE, Coliadinae A*
e	(64c)	Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae A*
Margin	Top:	Small Garden Bumblebee, <i>Bombus hortorum</i> L.	API, Apinae Z
	Bot:	Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae Z
		<b>2014</b> (Butterflies Part IV) (from Jose Reis)	
a	(64c)	Small Tortoiseshell, <i>Nymphalis urticae</i> L.	NYM, Nymphalinae A*
b	(64c)	Brimstone, <i>Gonepteryx rhamni</i> L.	PIE, Coliadinae A*
c	(64c)	Map Butterfly, <i>Araschnia levana</i> f. <i>prorsa</i> L.	NYM, Nymphalinae A*
d	(64c)	Eurasian Comma, <i>Nymphalis c-album</i> L.	NYM, Nymphalinae A*
Margin		Small Garden Bumblebee, <i>Bombus hortorum</i> L.	API, Apinae Z
<b>PERU</b>		<b>2014</b> (Pre-historic Insect Fossil) (from Jose Reis)	
	SS 8s	<i>Sycorax peruensis</i> Petrulevicius et al (also in margin)	Psychodidae, Sycoracinae A
<b>ST. THOMAS &amp; PRINCE IS.</b>		<b>2013 May 10</b> (New data) (Stamperija) (MS of 4)	
2481b	25000d	L: Brown Tree Nymph, <i>Sallya boisduvali</i> Wallengren	NYM, Biblidinae A
2481c	25000d	L: White Lady, <i>Graphium angolanus baronis</i> Ungemach	PAP, Papilioninae A
2481d	25000d	L: Wide-banded Commodore, <i>Precis sinuata</i> Plötz	NYM, Nymphalinae A
		R: Coffee Playboy, <i>Deudorix lorisona</i> Hewitson	LYC, Theclinae A
		<b>2014 August 8</b> (Butterflies) (Stamperija) (MS of 4 & SS)	
a	25000d	Common Blue, <i>Polyommatus icarus</i> Rottemburg	LYC, Polyommatinae A*
b	25000d	Large White, <i>Pieris brassicae</i> L.	PIE, Pierinae A*
c	25000d	Common Jezebel, <i>Delias eucharis</i> Drury	PIE, Pierinae A*
d	25000d	Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae A*
Margin	UL:	Cabbage White, <i>Pieris rapae</i> L.	PIE, Pierinae Z
		UR: Dark Palm Forester, <i>Bebearia mardania</i> Fabr. ♀	NYM, Limenitidinae Z
SS 96000d		Small Tortoiseshell, <i>Nymphalis urticae</i> L.	NYM, Nymphalinae A*
Margin	UR:	Julia, <i>Dryas iulia dominicana</i> Hall	NYM, Heliconiinae Z*
	MR:	African Swallowtail, <i>Papilio dardanus</i> Brown ♂ (verso)	PAP, Papilioninae Z*
<b>SLOVENIA</b>		<b>2014</b> (from Jose Reis)	
a	80c	Rhinoceros Beetle, <i>Oryctes nasicornis</i> L. ♂ (in flight)	SCA, Dynastinae A
	Label	Same species ♀ & ♂ on ground	
b	80c	European Stag Beetle, <i>Lucanus cervus</i> L. ♂ (in flight)	LUC, Lucaninae A
	Label	Same species ♀ & ♂ on ground	
Margin		30 BEETLES, 6 MOTHS & 2 BUTTERFLIES	Z

**SOLOMON ISLANDS****2014 August 25** (World of Butterflies) (Stamperija) (MS of 4 & SS)

a	\$7	Holly Blue, <i>Celastrina argiolus</i> L.	LYC, Polyommatinae	A
b	\$7	Green Hairstreak, <i>Callophrys rubi</i> L.	LYC, Theclinae	A
c	\$7	Scarlet Tiger Moth, <i>Callimorpha dominula</i> L.	ARC, Arctiinae	A
d	\$7	Apollo, <i>Parnassius apollo</i> L.	PAP, Parnassiinae	A
	Margin	U/I BUTTERFLY	LYC, Polyommatinae	U Z
	SS \$35	Lime Swallowtail, <i>Papilio demoleus</i> L.	PAP, Papilioninae	A
	Margin	UL: Apollo, <i>Parnassius apollo</i> L.	PAP, Parnassiinae	Z
		LL: Malachite, <i>Siproeta stelenes</i> L.	NYM, Nymphalinae	Z
		R: Lime Swallowtail, <i>Papilio demoleus</i> L.	PAP, Papilioninae	Z

**SWEDEN****2014 April 1** (Insects)

2727	14k	Baltic Hawker, <i>Aeshna serrata</i> Hagen (like Sc#2701d)	AES, Aeshninae	A
------	-----	--	----------------	---

**TOGO****2014 June 30** (Butterflies) (Stamperija) (MS of 4 & SS)

a	750fr	Bhutan Glory, <i>Bhutanitis lidderdalii</i> Atkinson	PAP, Parnassiinae	A
b	750fr	Emperor of India, <i>Teinopalpus imperialis</i> Hope	PAP, Papilioninae	A
c	750fr	Crimson Rose, <i>Atrophaneura hector</i> L.	PAP, Papilioninae	A
d	750fr	Blue Pansy, <i>Junonia orithya</i> L.	NYM, Nymphalinae	A
	SS 2500fr	L: Forest Giant Owl Butterfly, <i>Caligo eurilochus</i> Cramer	NYM, Morphinae	A
		R: U/I <i>Morpho</i> sp.	NYM, Morphinae	U B
	Margin	LL: Common Map, <i>Cyrestis thyodamas</i> Boisduval	NYM, Cyrestinae	Z
		MR: White Morpho, <i>Morpho polyphemus</i> Westwood	NYM, Morphinae	Z
		LR: Leopard Lacewing, <i>Cethosia cyane</i> Drury (larva)	NYM, Heliconiinae	Z

**2014 August 30** (Honeybees) (Stamperija) (MS of 4 & SS)

a	750fr	Western Honeybee, <i>Apis mellifera</i> L. (on lavender flower)	API, Apinae	A*
b	750fr	Western Honeybee, <i>Apis mellifera</i> L. (on honeycomb)	API, Apinae	A*
c	750fr	Western Honeybee, <i>Apis mellifera</i> L. (on daisy)	API, Apinae	A*
d	750fr	Western Honeybee, <i>Apis mellifera</i> L. (on white flower)	API, Apinae	A*
	Margin	Bot: Western Honeybee, <i>Apis mellifera</i> L. (hive entrance)	API, Apinae	Z*
	SS 2500fr	Western Honeybee, <i>Apis mellifera</i> L. (on honeycomb)	API, Apinae	A*
	Margin	LL: Western Honeybee, <i>Apis mellifera</i> L. (on honeycomb)	API, Apinae	Z*
		R: Western Honeybee, <i>Apis mellifera</i> L. (on flower)	API, Apinae	Z*

**UGANDA****2014 February 26** (Bee-eater Birds) (Stamperija)

	SS 7500sh	BUTTERFLY in bird's beak	Lepidoptera	B
--	-----------	--------------------------	-------------	---

**URUGUAY****2014 September 16** (from Jose Reis) (SS of 4) (see p.228)

d	15p	Caribbean Buckeye, <i>Junonia evarete</i> Cramer	NYM, Nymphalinae	A
---	-----	--	------------------	---



# PALEONTOLOGY

Editor

Dr. Hans-Peter Schultze



Scott#      Denom      Common Name/Scientific Name      Order: Family

## MAMMALS

<b>CANADA</b>		<b>2014 April 14</b> (Royal Ontario Museum 1914–2014) (SS of 2 & Bklt)	
2724a	(85c)	L: Mummified Cat (in jar) R: Bison	Carnivora: Felidae Artiodactyla: Bovidae
2724		SS of 2 (Sc#2724a–b)	
2725	(85c)	L: Mummified Cat (in jar) R: Bison	Carnivora: Felidae Artiodactyla: Bovidae
2726a		Bklt pane 10 (5ea Sc#2725–26) s/a	

## FISHES

<b>CENTRAL AFRICAN REPUBLIC</b>		<b>2014 May 20</b> (Prehistoric Fishes) (MS of 4 & SS)	
750fr	<i>Coccosteus</i>		Arthrodira: Coccosteidae
750fr	<i>Xenacanthus</i> (Subclass: Elasmobranchii)		Xenacanthimorpha: Xenacanthidae
750fr	<i>Orthacanthus</i> (Subclass: Elasmobranchii)		Xenacanthimorpha: Orthacanthidae
750fr	Spiny Shark (Class: Acanthodii)		
Margin	UL: <i>Enchodus</i> (Class: Actinopterygii: Teleostei)		Salmoniformes: Enchodontidae
	ML: <i>Doryaspis</i> (Class: Heterostraci)		Pteraspidoformes: Doraspididae
	LL: <i>Cladoselache</i> (Subclass: Elasmobranchii)		Cladoselachiformes: Cladoselachidae
	UR: <i>Helicoprion</i> (Subclass: Euchondrocephali)		Eugeneodontiformes: Agassizodontidae
	LR: <i>Stethacanthus</i> (Subclass: Elasmobranchii)		Symmoriiformes: Stethacanthidae
SS 2650fr	<i>Boreaspis</i> (Class: Osteostraci)		Benneviaspida: Boreaspidae
Margin	UL: <i>Xenacanthus</i> (Subclass: Elasmobranchii)		Xenacanthimorpha: Xenacanthidae
	LL: <i>Drepanaspis</i> (Class: Heterostraci)		Pteraspidoformes: Psammosteidae
	UR: <i>Pteraspis</i> (Class: Heterostraci)		Pteraspidoformes: Pteraspidae
	LR: <i>Dunkleosteus</i> (Class: Placodermi)		Arthrodira: Dunkleosteidae
	Bot: <i>Gemuendina</i> (Class: Placodermi)		Rhenanida: Asterosteidae

## REPTILES

<b>CANADA</b>		<b>2014 April 14</b> (Royal Ontario Museum 1914–2014) (SS of 2 & Bklt)	
2724b	(85c)	<i>Parasaurolophus walkeri</i>	Ornithopoda: Hadrosauridae
2724		SS of 2 (Sc#2724a–b)	
2726	(85c)	<i>Parasaurolophus walkeri</i>	Ornithopoda: Hadrosauridae
2726a		Bklt pane 10 (5ea Sc#2725–26) s/a	

## INVERTEBRATES

<b>FRANCE</b>		<b>2014 January 14</b> (Items with Spirals) (Bklt pane 12 s/a)	
4541	66c	Ammonite	Cephalopoda: Ammonoidea
4548a		Bklt pane 12 (Sc#4537–48)	

## BIOLOGY REFERENCE WEBSITES

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](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>



## 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	NWF	National Wildlife Federation
anniv	anniversary	ovpt	overprinted
APC	American Philatelic Center (Bellefonte, PA)	perf	perforated
APS	American Philatelic Society	photo	photogravure
ATA	American Topical Association	ptg	painting or artwork
bkl	booklet	R	right position indicator
Cap	captioned	s/a	self-adhesive
CTO	canceled to order	Sc#	Scott Catalogue number
CTR	center position indicator	s-o-s	stamp on stamp
DS	deluxe sheet	sp.	species
Ed.	Editor	SS	souvenir sheet
Expo	Exposition	ssp.	sub-species
horiz	horizontal orientation	s/t	se-tenant
imperf	imperfurate	surch	surcharged
Intl.	International	UL	upper left position indicator
L	left position indicator	unwmk	un-watermarked
litho	lithography	UPU	Universal Postal Union
LL	lower left position indicator	UR	upper right position indicator
LR	lower right position indicator	US	United States
Mi#	Michel Catalog number	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

## OFFICER BIOGRAPHIES

This section continues our series of biographical information about our Officers and Associate Editors that we began in the Volume 62, Number 1.

### John Pereira

*[Ed. Note: John Pereira is our newest Director having just been elected to fill the position vacated by Lois Herrmann. John joined the Biology Unit in 2010.]*

Like many other stamp collectors, I began collecting stamps at a fairly early age, but stopped some time in my high school years. It was not until a couple of decades later that I began collecting again. What drew me back into the hobby was my curiosity of my Portuguese descent, what a great way to learn about it through stamps! In addition to collecting Portuguese stamps, I collect wild flowers of arctic and desert regions, New Zealand, Nepal, National Parks, and Macau. I have also have given back to the hobby by assisting the chapters activities committee of the American Philatelic Society on a couple of projects and serving as Vice President and webmaster for the Fall River Philatelic Society.

In addition to my stamp interest, I also spend time volunteering for various organizations and pursuing other hobbies. I am currently on the development committee for Friends of Acadia, assisting with a White Cedar restoration project for the Trustees of Reservations, and surveying rare plants for the New England Wild Flower Society. My other hobbies include collecting U.S. and world coins, books, and comic books.

My professional background has been very diverse. I have bachelor degrees in environmental studies and photography, and a master degree in conservation biology. I have done conservation work for The Nature Conservancy, The Lloyd Center for the Environment, and Randolph Mountain Club. I have co-founded a nonprofit, Whaling History Alliance, in order to help the New Bedford Whaling National Historical Park carry out its mission. And finally, I've worked in various retail companies, with Target being my current employer.



John Pereira

**INDEX TO VOLUME 63****BOTANY****Botanical New Issues**

- Botany, C. Dahle ..... 63:10,83,161,231  
 Fungi, P. Mistretta ..... 63:21,91,172,239  
 Darwin the Botanist, P. Mauney ..... 63:75

**Flowers**

- Flower Stamp Israel 2014 ..... 63:230  
 New Plant Identification, C. Stumpenhous... 63:171

**Fungi**

- Fungi Stamp Swiss 2014..... 63:240  
 Herbs & Spices Part 2: Spices, C. Dahle ..... 63:17

**ZOOLOGY****Amphibians**

- Amphibian Handbook Planned..... 63:147  
 Amphibian Subjects of  
   Famous Writers, V. Eichler ..... 63:150  
 Birds Eating Frogs, V. Eichler ..... 63:229  
 Fire Salamander, V. Eichler ..... 63:39  
 Flying Frog, V. Eichler ..... 63:129

**Birds**

- Birds Eating Frogs, V. Eichler ..... 63:229  
 Clements 2014 Update..... 63:259  
 Fresh Eggs Out the Back Door, D. Hamman. 63:39  
 Hummingbirds US 2014, J. Congrove ..... 63:35  
 Song Birds US 2014, J. Congrove ..... 63:112

**Fauna** (mixed phyla/classes regional)

- Fauna Stamps Uruguay 2014 ..... 63:228

**Fish**

- “Gold Star” Biologicals of WWII,  
 Elmer J. Binker..... 63:215

**Insects**

- Honeybees Portugal 2013..... 63:58  
 Insect Handbook (HB164) Published ..... 63:148  
 World of Butterflies and Moths, V. Kachan .. 63:157  
 ..... 63:225

**Mammals**

- Horses Tonga 2014 ..... 63:40  
 Weasels-Israel ATM Labels ..... 63:22  
 New Birds in Philatelic Aviary,  
 C. Braun..... 63:36,113,189,263

**Primates**

- Neanderthal Genes, J. Congrove ..... 63:61

**Stamp Stories** (J. Congrove)

- Farm Boy Common Sense ..... 63:7  
 Mnemonics ..... 63:72

**Zoological New Issues**

- Entomology, D. Wright ..... 63:50,131,193,289  
 Herpetology, J. Congrove..... 63:45,125  
 Ichthyology, K. Lindstrom ..... 63:41,123,269  
 Invertebrates, I. Hunter..... 63:279  
 Mammalia, M. Prince..... 63:93,175,241  
 Ornithology, G. Mertz ..... 63:23,100,181,247  
 Paleontology, H.-P. Schultze..... 63:59,136,295

**GENERAL****Annual Report**

- Annual Meeting 2014 (St. Louis) ..... 63:143

**ATA News**

- Amphibian Handbook Planned ..... 63:147  
 Distinguished Topical Philatelist (Denys) ..... 63:70  
 Free Checklist..... 63:211  
 Insect Handbook (HB164) Published ..... 63:148  
 New Checklists ..... 63:146  
 Stamp Checklist Database Launched ..... 63:70  
*Topical Time* Digital Archive Published ..... 63:148  
*Topical Time* Electronic Edition ..... 63:6  
 World Stamp Show 2016..... 63:212

**Awards** (see also Exhibiting)

- Award: *Biophilately* Chicagopex 2013 ..... 63:6  
 Award: *Biophilately* Chicagopex 2014 ..... 63:209  
 Award: *Biophilately* NTSS 2014 ..... 63:146  
 Award: Index/History Chicagopex 2014 ..... 63:209  
 Distinguished Topical Philatelist (Denys) ..... 63:70  
 Exhibiting Awards ..... 63:153  
 Biology Reference Websites..... 63:62,137,200,296

**Biology Unit Officer/Editor Biographies**

- Congrove, Jack R. .... 63:66  
 Davidson, Larry E. .... 63:140  
 Hanks, Alan J. .... 63:71  
 Mertz, Glenn G. .... 63:65  
 Pereira, John ..... 63:299  
 Roman, Dick ..... 63:145  
 Skvara, Dr. Frederick C. .... 63:206  
 Donations..... 63:207  
 Dropped Members ..... 63:144  
 Dues Reminder ..... 63:3  
 Editor's Desk..... 63:1,67,141,207  
 Editor Wanted Herpetology..... 63:141

**Elections**

- Board of Directors..... 63:209  
 Constitution/By-Laws Amendments ..... 63:69

**Exhibitions and Expositions** (see also NTSS)

- PIPEX 2014 Report, J. Congrove..... 63:92  
 SEAPEX 2014 Report, J. Congrove ..... 63:213

**Exhibits and Exhibiting** (see also Awards)

- Biology Exhibits on Web..... 63:211  
 Exhibiting Awards ..... 63:153,268  
 Lepidoptera International Exhibits,  
 V. Kachan..... 63:268  
 Glossary of Terms and Symbols.. 63:64,139,202,298

**Help Wanted**

- ATA Seeking Help ..... 63:212

**Historical Reprints**

- “Gold Star” Biologicals of WWII,  
 Elmer J. Binker..... 63:215

**In Memoriam** (Closed Albums/Deceased Members)

- Boehning, Harold C. (BU1846)..... 63:210  
 Jaquet, Dona M. (LM39)..... 63:149  
 Morse, Dr. Joshua M. (LM52)..... 63:149  
 Walker, Harold E. (LM38) ..... 63:149

Letters .....	<b>63:3,110,145,210</b>
Membership List 2014 .....	<b>63:203</b>
New Members.....	<b>63:3,69,144,209</b>
NTSS 2014 Announcement.....	<b>63:6,70</b>
NTSS 2014 Report, J. Congrove .....	<b>63:153</b>
Secretary's Report .....	<b>63:3,69,143,209</b>
President's Message .....	<b>63:2,68,142,208</b>
Treasurer Report .....	<b>63:69</b>
<b>Website</b>	
ATA Website Features .....	<b>63:212</b>
Biology Exhibits on Web.....	<b>63:211</b>
Biology Reference Websites ....	<b>63:62,137,200,296</b>
Biology Unit Website Update.....	<b>63:211</b>
World Stamp Show NY 2016 .....	<b>63:212</b>

## **AUTHORS**

Binker Jr., Elmer J. (BU255).....	<b>63:215</b>
Braun, Charles E. (BU1364).....	<b>63:36,113,189</b>
.....	<b>63:259,263</b>
Congrove, Jack R. (BU1424).....	<b>63:1,6,7,35,45,58</b>
.....	<b>63:61,66,67,71,92,112,125,141,146-48,153</b>
.....	<b>63:206,207,209-13,215,228,230,240,299</b>
Dahle, Christopher E. (BU1269).....	<b>63:3,10,17,69</b>
.....	<b>63:83,143,161,209,211,231</b>
Eichler, Dr. Vic (BU1850) .....	<b>63:48,129,150,229</b>
Hamman, Dawn (BU1831) .....	<b>63:39</b>
Hanks, Alan J. (BU698) .....	<b>63:2,68,142,208</b>
Hunter, Ian (BU1619).....	<b>63:279</b>
Kachan, Vladimir (N/A) .....	<b>63:157,225,268</b>
Lindstrom, Kris P. (BU1288)(LM77) ...	<b>63:41,123,269</b>
Mauney, Patrick (BU1810) .....	<b>63:75</b>
Mertz, Glenn G. (BU1455) .....	<b>63:23,100,181,247</b>
Mistretta, Dr. Paul A. (BU1681) .....	<b>63:21,91,172,239</b>
Prince, Michael J. (LM68) .....	<b>63:93,175,241</b>
Schultze, Dr. Hans-Peter (N/A) .....	<b>63:59,136,295</b>
Stumpfenhaus, Cathie L. (BU1471).....	<b>63:171</b>
Wright, Donald P., Jr. (BU243) ....	<b>63:50,131,193,289</b>