

# BIOPHILATELY

OFFICIAL JOURNAL OF THE BIOLOGY UNIT OF ATA  
DECEMBER 2021 VOLUME 70 NUMBER 4

## Planting a Garden?



See page 265



## Sow your stamps!

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

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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 editor will handle requests for issues from the current year. Contact the librarian (address above) for copies of all other issues.

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**PLEASE NOTE: Material for the next issue should be in the hands of the editor before 15 February 2022.**

## FROM THE EDITOR'S DESK

Chris Dahle, BU 1269



The time has come to stop listing all the new issues from Stamperija and the Inter-Governmental Philatelic Corporation (IGPC) before that are listed in the Scott Catalogue. In this issue you will read that Glenn Mertz, the Bird editor, has decided on his own to stop listings from Stamperija. Paul Mistretta, the Mushrooms editor presents the third of his series Caveat Emptor, in which he warns about the purchase of these issues. Exhibitors of thematic material may want to visit the September 2020 article by Jari Majander, the editor of *TCNews*, the Bulletin of the FIP Thematic Philately Commission, in which he notes "Although such items are philatelic, displaying them in thematic exhibits is **strongly discouraged** by the recent update to the guidelines of the SREV [Special Regulations for the Evaluation of Thematic Exhibits at FIP Exhibitions] of Thematic Philately." You can see the article here: <https://www.fipthematicphilately.org/2020/TCNewsNo29September2020.pdf>

From my perspective the reasons for dropping them are these: 1). It is becoming very expensive for the Biology Unit to list lengthy new issues. Both this and the September issue ran to over 100 pages. It cost us over \$600 to print in September. 2). Few if any of the Stamperija or IGPC issues are available for postal use. 3). Many issues are duplicative. Often the same images, or topics are used for several different countries. This is very evident to me as editor as I see all the submissions by our editors.

I polled all the editors in November. Most of them are willing to drop Stamperija and IGPC new issues before they are given catalog numbers. Not all editors list these stamps before they have a Scott number. And the Scott Catalogue does list some of the issues from Stamperija and from IGPC eventually. It is not clear what criteria they use for cataloguing them.

But we would also like to hear from the membership about what to do. Please let us know by sending your comments when you renew your subscriptions. Another thing that we would like to know, is whether we should continue to list species that appear in the margins of souvenir sheets or as stylized images. You can send emails to [chris-dahle@biophilately.org](mailto:chris-dahle@biophilately.org) or write by mail. Email addresses of all the editors are found on the page opposite.

We are increasing dues for all members by \$5 per year. This increase will still not cover the costs of mailing *Biophilately*. We would encourage as many as possible to switch to the electronic version of the journal.

*Chris*

### DUES RATES (US\$)

US membership \$30  
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Please see the Biology Unit web site ([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 Dr NE, Cedar Rapids, IA 52402



## PRESIDENT'S MESSAGE

As I start this note, the snow is coming down. Where did Autumn go? It is a little sad to put the garden to bed again. After numerous freezes the flowers are gone, but some of the plants still have beautiful leaf color. The Japanese Maple glows red in the sunlight.

At the end of last month, I took a nice long vacation to Maryland. The first part was spent in a small town on the Eastern Shore of the Chesapeake Bay. I love this area, it's so peaceful. It had been rainy and chilly just before I arrived. My four days were perfect, temps in the 60's and clear blue skies. The water was calm and shimmering. I sat on the dock, so at peace. I watched the birds both in the air and on the water. Ducks were flying overhead on their way south. A few herons overhead as well as one swimming around in front of me. Geese were everywhere as well. I noticed this time that there were fewer sea gulls, but plenty of turkey buzzards instead. I began to think of all the wildlife around the bay. When I think of the Chesapeake Bay, I think of sea gulls, great blue herons and of course those blue crabs. Below me in the water are an array of crabs, bivalves, fish and terrapins. Birds thrive around the shore lines include gulls, herons, osprey, eagles, hawks, ducks and of course Baltimore orioles. Feeling relaxed and stuffed with crabs, I drove around to Baltimore to visit a cousin. There is no way I am driving over the Bay Bridge, it's 4 miles long! One of the days we drove down to Annapolis and walked around. There were sea gulls above us and ducks in the water. We stopped for a late lunch of cold beers and shared a large bowl of steamed mussels in a fabulous broth. When I got home, I decided to start a new topic to collect, the nature of the Chesapeake Bay. What's one more collecting topic, right?



Everyone be safe and have a joyful Holiday season.

*Laurie*

## NEWS OF NOTE

### Paleophilatelie Website Wins GOLD

Congratulations to Michael Kogan, our Paleontology editor, for winning Gold for his website. In September, he found out that his website won a GOLD medal in a virtual philatelic show in Brazil.

<http://www.paleophilatelie.eu/images/awards/filanantias2021/certificate-jury-5011-138.jpg>

Palmares list: [http://www.paleophilatelie.eu/images/awards/filanantias2021/palmares\\_5011.pdf](http://www.paleophilatelie.eu/images/awards/filanantias2021/palmares_5011.pdf)

FILANANIAS 2021, a virtual philatelic show in Brazil, took place between 6 July and 31 August 2021. The show was organized with support of Brazilian Philatelic Association FILABRAS (Associação dos Filatelistas Brasileiros). The exhibition had 142 participants from 18 countries, with 239 exhibits. There were exhibits in 3 categories/classes: general collections, philatelic literature and websites. According to organizers, over 45,000 people accessed the virtual show.

More details can be found here: <http://www.paleophilatelie.eu/awards.html>

Moreover, he got excellent feedback from the jury:

This is simply one of the very best philatelic websites out there.

The statement on the site is "the most comprehensive catalog about Paleontology and Paleoanthropology in Philately" and I believe this is quite correct.

The amount of information available seems almost limitless and the philatelic knowledge on show is of the highest level, where each issue is studied in minute detail.

There seems to be no aspect of this theme that has been left unexplored.

I was particularly impressed with the section that talks about undesirable stamp issue[s] from various African countries.

This is an area rarely mentioned in philately.

## SECRETARY'S CORNER

It is time to renew your membership. Please note that dues have increased by \$5 for all members. The following members have not yet paid dues for 2021:

Bouzek, Braun, Cagna, Hathaway, Herbert, Mannan Mashur, Miller, Morel, Morris, Palazzo. Schindwolf.

### New members

Please welcome:

Roger Chapman, #1913, of Stirling in the UK. He collects Birds

Nelene Bylsma, #1914, of Grand Rapids, MI. She collects Fish and moose.

## Treasurer's Report June 1, 2020 to May 31, 2021

Christopher Dahle, BU1269

My apologies for not remembering to provide the membership with a report earlier in the year. In past years the report has covered the period from June through May.

As you will see, the cost of printing the journal has increased significantly from \$1,3351.12 in 2020. As noted in last year's report, this is because we started using a printer in Minnesota for printing and mailing the journal in June 2020. We had been using print shops such as Kinko's and Office Max, and had been relying on one of our members to stuff envelopes and do the leg work at the post office. We were also able to take advantage of the significant APS discount when we used Office Max/Office Depot. Another big increase was the postage for mailing in the U.S. from \$524.75 last year.

Additionally, we have to pay for a subscription to Adobe for their Creative Cloud software. Several years ago, I bought Dreamweaver software to develop and maintain the website. I was able to purchase the software at a considerable discount through TechSoup which arranges for non-profits to buy software at a discount. When I had to buy a new computer, the software would no longer run on the new computer. The Dreamweaver software is only available by subscription, which I purchased at a discount through TechSoup once again. We do not have expenses for supplies, sales tax or post office box as those costs are now included in the printing cost. See last year's report here:

<http://biophilately.org/pdffiles/journal/archive/69-3/biophilately69-3-10%20treasReport.pdf>

Our donations are considerably greater this year. For that we thank the following members: Applebaum, Barylski, Bono, Brunt, Burness, Clark, Davidson, Felts, Freytag, Glatz, Grimstad, Hamman, Herzog, Hoppe, Jones, Kershen, Law, Mauney, Noyce, Prince, Skog, Smith, Van Laere, Vancutsem, Vaughn, Voice, Wilson.

### Assets (as of May 31, 2020):

Checking	\$6,286.61
<b>Total</b>	<b>\$6,286.61</b>

### Expenses June 1, 2020 to May 31, 2021:

Credit card fees to ATA	\$ 5.00
PayPal charges	\$ 21.24
Domain name	\$ 17.95
Website Charges	\$ 101.49
Postage Canada	\$ 84.74
Postage Foreign	\$ 188.76
Postage U.S.	\$ 875.60
Printing	\$2,265.74
Adobe software, Creative Cloud	<u>\$ 129.30</u>
<b>Total</b>	<b>\$3,691.32</b>

### Income June 1, 2020 to May 31, 2021:

Dues	\$1,561.25
Donations	<u>\$ 704.25</u>
<b>Total</b>	<b>\$2,265.50</b>

### Assets (as of May 31, 2021):

Checking	\$5,028.77
<b>Total</b>	<b>\$5,028.77</b>

## Entomophilately – A Review of a Large-scale Study on the Portrayal of Insects and Spiders on Stamps

Peter Voice, PhD, BU1863

Department of Geological and Environmental Sciences, Western Michigan University

I read an interesting article on using stamps depicting insects and spiders as aids in science education and thought I would share some thoughts about the article as well as a link to the article. Vazrick Nazari published “Taxonomy at Face Value: An assessment of entomological postage stamps as effective teaching aids for science educators” in the open-access journal, *Research ideas and Outcomes* (a full reference with link is at the end of this article).

Nazari has compiled a database of stamps that show insects and spiders using a variety of catalogs with issues from 1891 through December, 2020. The database includes both stamps as well as marginal representations of insects and spiders on souvenir sheets and mini-sheets. Nazari restricted the issues to stamps published by official countries – so the database does not include cinderellas and local issues (though the database does list a few issues from Transnistria and Artsakh). The database includes any taxonomic identifications listed on each issue as well as Nazari’s attempts to classify species depicted lacking identifiers. Scott catalog numbers, issue date, face value and other details are also listed for each stamp. Nazari also lists errors – as one of the topics that is a focus in the paper is the high number of errors that were made when the stamps were designed. The database is provided as a supplemental item that can be found at the link in the references – as a downloadable Microsoft Excel file (and for people interested in entomophilately this database will serve as a valuable resource as a checklist for issues).

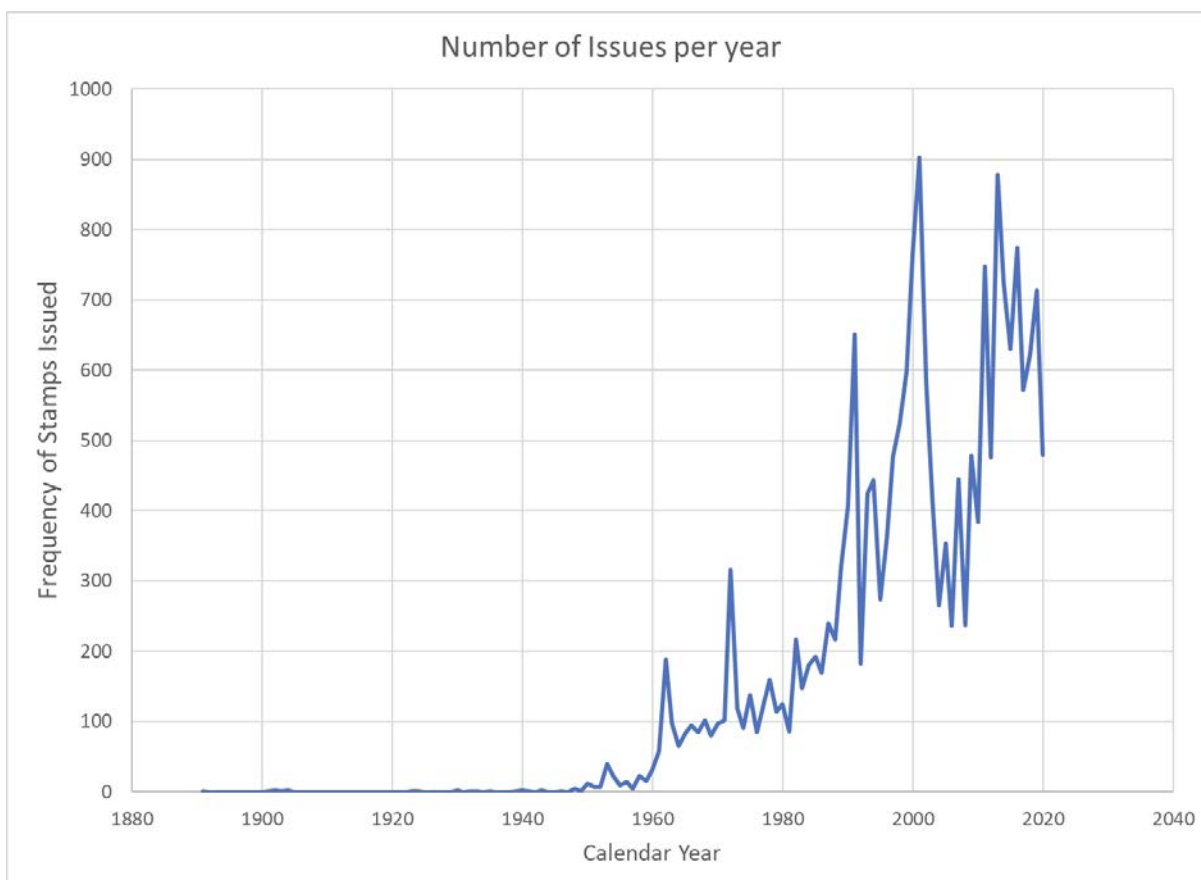


Figure 1: frequency of entomophilatelic issues per year replotted from Nazari’s database.

A real strength of Nazari's article is the detailed statistical analysis of the issues. Here are a few bullet points summarizing what I thought were quite interesting results:

- The database includes 20,341 issues – sadly only 2.7% of the issues depicted arachnids (551 issues).
  - The earliest stamp depicting a representation of an insect was on a Hawaiian stamp (Scott# US-HA52) showing a butterfly ornament in Queen Liliuokalani's hair.
  - The first insect stamp with taxonomic information was a stamp from the British colony of Sarawak (now a state of the country of Malaysia on the island of Borneo). It shows an individual of Rajah Brooks Birdwing (*Troides brookiana*) next to a portrait of King George VI.
  - From 1948 on, entomophilatelic stamps have been produced every year (see Figure 1).
  - In modern times, every stamp issuing country recognized by the UPU has published an insect or spider stamp with the exceptions of Myanmar, South Sudan and Timor-Leste.
- The most common insects depicted are lepidopterans (butterflies and moths) – found on 69% of the issues. This is a significant over-representation compared to the real diversity of lepidopterans in the natural world.
- At the taxonomic level, 25 orders of the hexapoda and 3 orders of the arachnida have been shown on stamps.
  - Insect orders shown include: Blattodea (cockroaches and termites), Coleoptera (beetles), Collembola (springtails), Dermaptera (Earwigs), Diptera (flies), Ephemeroptera (Mayflies), Hemiptera (true bugs), Hymenoptera (wasps, bees and ants), Lepidoptera (butterflies and moths), Mantodea (Praying Mantids), Megaloptera (fishflies, alderflies, dobsonflies), Neuroptera (lacewings), Notoptera (primitive wingless insects like rock crawlers), Odonata (dragonflies and damselflies), Orthoptera (Grasshoppers, locusts, crickets), Phasmatodea (Walkingsticks, stick insects and leaf insects), Phthiraptera (lice), Plecoptera (Stoneflies), Psocoptera (booklice and barklice), Raphidioptera (snakeflies), Siphonaptera (fleas), Trichoptera (caddisflies), and Zygentoma (silverfish).
  - Arachnid orders depicted include the Acari (ticks), Araneae (spiders), and Scorpiones (scorpions).
- Accurate information on the stamps was not always the case – Nazari recognized that about 30% of the issues had some error (mismatch of common and scientific names, spelling errors, wrong names, incorrect taxonomy and other information, errors in the artistic depiction of the animals, etc.).
  - The most common error was the lack of taxonomy when the insect was the main element on the stamp.
  - Three territories had perfect taxonomic information for all of their entomophilatelic issues – Cocos Island, St. Eustatius and Saint Helena. While the worst offenders were two of the United Arab Emirates and Bermuda. Ajman issued 94 relevant stamps – all with errors. Manama issued 48 stamps with a 100% error rate. Bermuda issued 7 stamps – all with errors.
  - One of the most interesting points was that the sheer bulk of Stamperija issues have both genus and species labeled with few errors – but a lot of repetitive issues across the various countries they publish stamps for. This has surprisingly led to a decrease in the overall rate of errors since 2010!
- The references at the end of the article provide a nice reading list for entomophilately.

I highly recommend reading Nazari's article. My summary does not do it justice – the sheer amount of



work that went into compiling the database and checking all of those identifications is a tremendous accomplishment and I appreciated the rigor of the statistical analysis of the database.



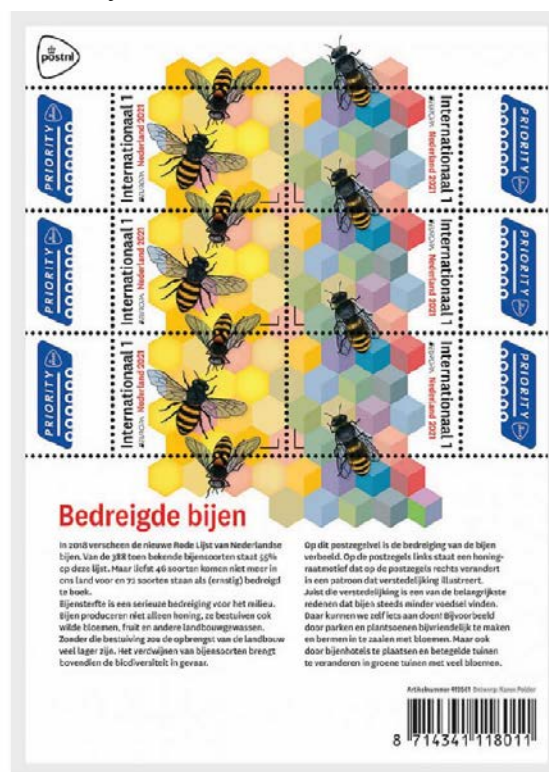
Germany - a selection of Beetles



Switzerland - butterflies



Hungary - 2021 Pollinating Animals



Netherlands - Bees



Denmark - butterfly

Figure 2: A selection of stamps showing insects from 2021. The Hungary issue honors pollinating animals and includes several species of bees, wasps and butterflies. The other issues are from the Europa 2021 series in honor of endangered species of Europe and include: Upper left – German Beetles, left center – Swiss butterflies, upper right – Netherlander bees, and lower right – a Danish Butterfly. Picture credits: German issue (<https://www.bundesfinanzministerium.de/>), Swiss, Hungarian and Netherlander issues ([www.wopa-plus.com](http://www.wopa-plus.com)), and Danish issue (<https://europa2021.posteurop.org/#/europa2021/en>). The last link provides information about all of the issues so far released for Europa 2021.

### Acknowledgements:

Michael Kogan kindly reviewed an earlier draft of this article.

### References:

Nazari, V., 2021, Taxonomy at Face Value: An assessment of entomological postage stamps as effective teaching aids for science educators, Research ideas and Outcomes, 7, e68056, <https://doi.org/10.3897/rio.7.e68056>. [Note that you can download a pdf of the article in the upper right corner – click on the black box labeled pdf. To get to the supplementary files – click on the supplementary files link on the right]



## GREEN-THUMB PHILATELY

### POSTAGE STAMPS WITH EMBEDDED SEEDS

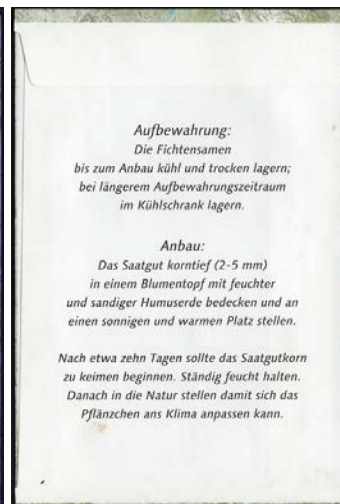
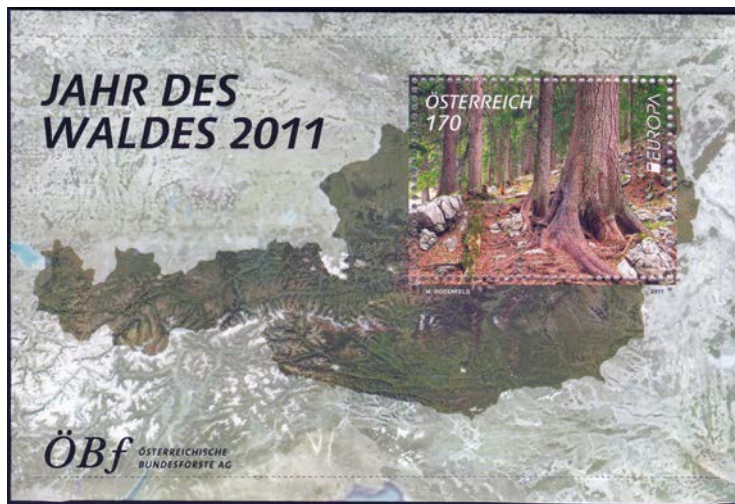
Indraneil Das (BU1857) and Genevieve V. A. Gee

#### Introduction

Postal agencies of as many as 14 nations have issued postage stamps that have embedded seeds of various types. These have been issued to highlight different issues, from fighting desertification, loss of forest cover, and soil erosion, to promotion of kitchen gardens (hence, contribute to national food security), urban gardening, and commemoration of important events (such as World War I), World Fertility Day or the birthday of the King of Thailand (also, a prominent agronomist). To add a further 'green touch', one of them was printed on recyclable paper, another on biodegradable paper, and some others have seeds placed within biodegradable plastic.

#### Commemorative Stamps

An example (Fig. 1) in the environmental protection category includes a souvenir sheet of face value €1.70 (SG MS3312, Scott 2336) issued from Austria, on 8 September 2011, to commemorate the International Year of the Forest. Issued in cooperation with the Federal Forestry Company, the sachet-



format stamp block contains a mixture of seeds of the Austrian Spruce or pine trees (*Pinus nigra*) from the Tyrol, the Salzkammergut, the Waldviertel, Styria, and Carinthia regions. The species is a coniferous evergreen tree that reaches 55 metres and can be long-

Fig. 1. Austria, International Year of the Forest (SG MS3312, Scott 2336. A. Front. B. Planting instructions.

lived, with some exceeding 500 years old.

On 26 June 2015, Spain issued a single stamp (face value €0.90; SG 4967, Scott #4054) to commemorate the International Year of the Soil (Fig. 2). It contained embedded *Petunia* (*Petunia sp.*) seeds, with the slogan 'Renew the Soil - Plant Me'. Also depicted on the stamp was a forest image, contrasting with that of a barren landscape, showing soil erosion. Although of South American origin, hybrids of the *Petunia* are common ornamental plants worldwide.



Fig. 2. Spain, International Year of the Soil (SG 4967, Scott #4054).

A third example of such 'conservation' stamps was issued by the United Arab Emirates on 31 March 2011, under the theme 'Save the Ghaf Tree' (Fig. 3). The sheetlet (SG 1071–1072, Scott #1016) of face value Dirham (AED) 40 (containing two stamps of face value AED 1 and 4), feature the tree, with the higher value stamp being embedded on the embroidered canopy in the image, with the fiber and seeds of the Ghaf (*Prosopis cineraria*). The Ghaf Tree is part of the Emirates

landscape and local culture, and the souvenir sheet with a large seed is covered by tree fiber. An evergreen, drought-tolerant tree of the desert, it was declared as the national tree of the Emirates in 2008 because of its cultural significance, as well as keystone function, from combating desertification to improving soil fertility and additionally, serving as source of food, fuel, shelter

and medicine for locals and wildlife. In fact, an Arab saying goes, “Death will not visit a man, even at the time of a famine, if he has a Ghaf, a goat, and a camel, since the three together will sustain a man”.

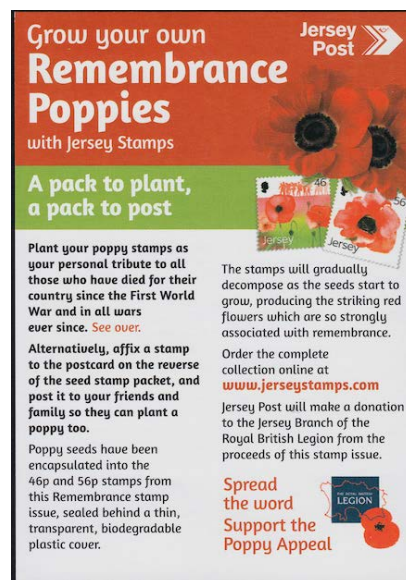
Seeds have also been issued to commemorate special events. The most poignant may be the ones issued by the island of Jersey, in the British Isles, to remember fallen soldiers of World War I, the Poppy seed.



Fig. 3. United Arab Emirates, 'Save the Ghaf Tree' (SG 1071–1072, Scott #1016).



Fig. 4. Jersey, 'Remembrance Poppy' (SG 1824–1825, Scott #1747–48). A. Stamps ▲. B. Front of packet ◀. C. Back of packet ▼. D. Planting instructions ▶.



Embedded stamp (Fig. 4) is a reminder of the trench warfare that was associated with the event. Two of the lowest (£0.46, 0.56) values from a series issued on 6 May 2014 (SG 1824–1825 Scott #1747–48), entitled 'Remembrance Poppy', show seeds of the Red Poppy (*Papaver rhoeas*), and protected by biodegradable plastic covers. These were also issued in sachets, with planting instructions printed on the packets, and sold for £1.50, half of which was donated to the Jersey Branch of the Royal British Legion. This was Jersey Post's effort to raise funds for the Poppy Appeal, the fundraising campaign of the Legion, as well as to commemorate the Centenary of the First World War.

Also commemorative in nature is the release from Thailand, on 17 February 2011, issued to mark the 83th birthday of His Majesty, King Bhumibol Adulyadej (1927–2016), a prominent figure and patron of



the nation's agricultural industry. The single stamp (Fig. 5) is of Baht 9 value (SG 3162a, Scott #2567),



Fig. 5. Thailand, 83rd birthday of His Majesty, King Bhumibol Adulyadej (1927–2016), stamp sheet (SG 3162a, Scott #2567).

and features a single grain of rice (*Oryza sativa*). Significantly, the rice was produced by the Chitralada Royal Experimental Rice Field, inside the royal compound, and used in the Royal Ploughing Ceremony 2010. A sheetlet of stamps with the same design was also sold within Thailand, and issued in a special folder (Fig. 6).



Fig. 6. Thailand, 83rd birthday of His Majesty, King Bhumibol Adulyadej (1927–2016), stamp sheetlet in folder (SG 3162a, Scott #2567).



Fig. 7. San Marino, 'Fertility Day' (SG 2400, Scott #1963).

Another commemorative example comes from San Marino, in Europe. This enclave of Italy, on 7 June 2016, issued a se-tenant set of three stamps (Fig. 7), one (SG 2400, Scott #11963) of which is of face value €2.50, bearing a Dwarf Petunia (*Petunia nana compacta*) seed, protected by plastic film. The occasion for its release was the Italian Fertility Day, celebrated on 7 May, with the aim of the stamp set to emphasize parenthood, health and wellness of the child. The symbolism of the seed is employed to show life as an embryo or seed. An additional feature is the yellow fluorescent printing, visible under ultraviolet light.

### Flowering Stamps

The final commemorative stamp to be discussed was issued on Earth Day by Morocco. On 22 April 2010, this north African nation issued a single stamp (Fig. 8) of Moroccan dirham 10 value (SG 1264, Scott #11108), with embedded seeds of the Alfalfa or Luzerne (*Medicago sativa*). This perennial flowering plant of the legume family Fabaceae is important as a forage for grazing livestock as well as green manure, relevant to drought-prone Saharan Africa. Significantly, the stamp was printed on 100% recycled paper.

A number of nations have issued stamps with seeds of flowers, to enhance urban landscapes and promote gardening. The first to be mentioned, also the first postal issuing authority to issue such stamps, was by the Netherlands, which issued an attractive sheetlet of 10 stamps on 1 May 2007, entitled 'Flowers of the World' (Fig. 9). Each of face value €0.44 (x 8) and €0.55 (x



Fig. 8. Morocco, 'Earth Day' (SG 1264, Scott #1108).



(SG MS2593, Scott #1290) have seeds of Pink Petunia (*Petunia sp.*), Snapdragon (*Antirrhinum sp.*) and Lobelia (*Lobelia sp.*). Seeds are protected by plastic film and planting instructions are on the left and right selvages of the sheetlet. A similar sheetlet was prepared by Austria Post but remains unissued.

Belgium, on 15 March 2010, issued a set entitled 'Blossoming Flowers' at the Flower and Plant Exhibition at Ghent (Fig. 10). The two stamps (SG 4294–4295, Scott #2421a,b) of "1" face value (in x 5 format) are good for First Class Mail, the seeds attached to the southwest corner of selvage being of Jasmine Tobacco (*Nicotiniana alata*) and Rose Campion (*Lychnis coronaria*). The stamps themselves show blossoming flowers

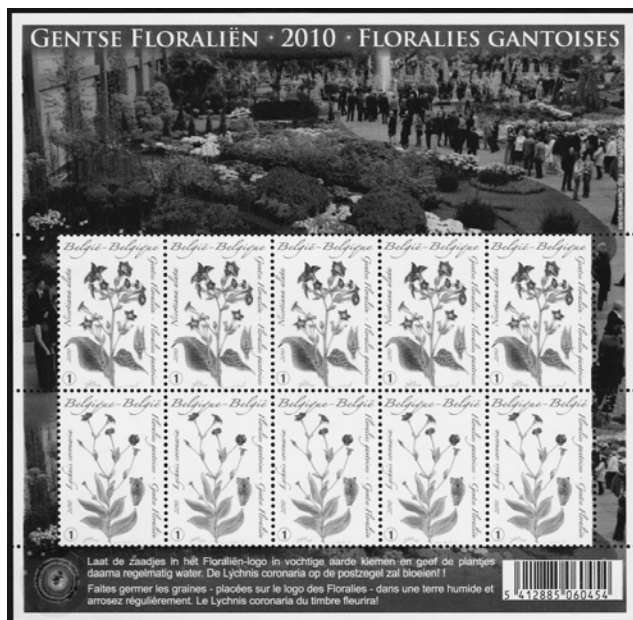


Fig. 10. Belgium, 'Blossoming Flowers' (SG 4294–4295, Scott #2421a,b).

Council, an international non-profit, organization promoting responsible management of forests) recycled paper, and was for "Lettre Prioritaire" (currently, €1.16). Embedded on five corresponding stamps of the sheetlet are seeds of the Lavender (*Lavandula angustifolia*), Golden Marguerite (*Anthemis tinctoria*), Coquelicot or Wild Corn Poppy (*Papaver rhoeas*), Basil (*Ocimum basilicum*) and Arbre aux Papillons or Summer Lilac (*Buddleja davidii*).

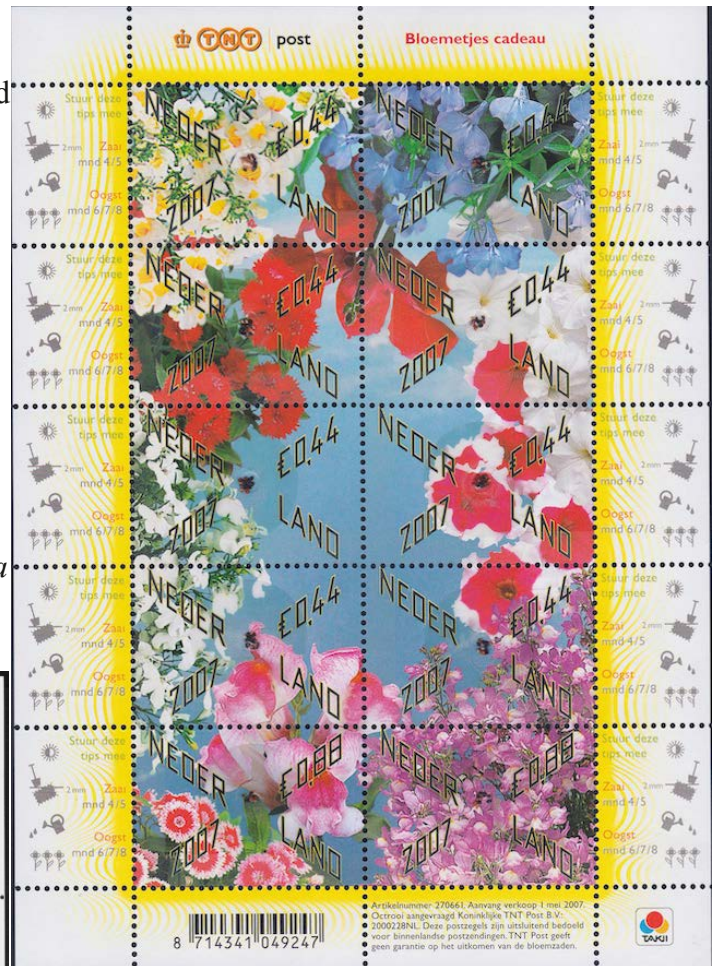


Fig. 9. Netherlands, 'Flowers of the World' (SG MS2593, Scott #1290).

of these two species.

France, on 26 February 2011, issued a set on Stamp Day, entitled 'Protection of the Soil. Seeds of France', along with a folder (Fig. 11). The set, with 10 stamps, was printed on FSC (Forest Stewardship





Fig. 11. France, 'Stamp Day', 'Seeds of France' (SG and Scott uncatalogued).

The most recent stamp with embedded seeds was released on 20 May 2021 by the northern European nation of Estonia, that lies along the Baltic coast. The poppy stamp (SG awaited) was issued on 20 May 2021 (Fig. 12), and depicts a blooming flower of the Red Poppy (*Papaver rhoeas*), of face value €4. The seeds are embedded on the stamp, and protected by plastic film. The Red Poppy is an annual, blooming between May and August, and prefers limestone habitats, while being a favorite ornamental plant. A related trivia is that opium, essential for medicinal use and in the illegal drug trade, is the dried latex derived from the seed capsules of a relative, the Opium Poppy (*Papaver somniferum*).



Fig. 12. Estonia, 'Poppy Stamp' (SG awaited).



The final country to be listed in this philatelic category is the city state of Singapore, in southeast Asia.

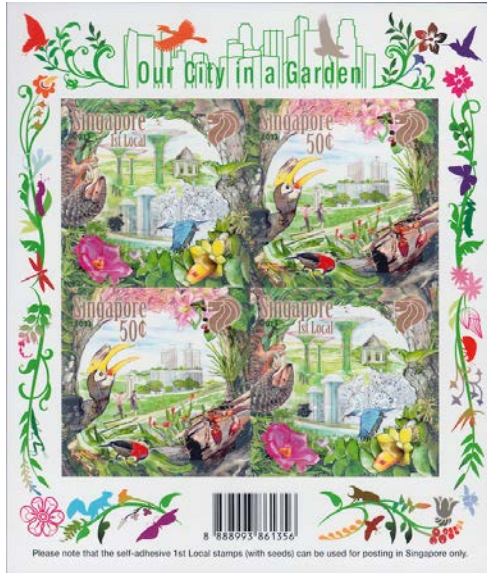


Fig. 13. Singapore, 'Our City in a Garden', self-adhesive sheetlet (SG 2124, Scott #1612). A. Front. B. Back, showing planting instructions.



On 13 July 2013, Singapore Post issued two products with seeds, under 'Our City in a Garden' series. The first, a self-adhesive sheetlet (SG 2124, Scott #1613), bearing stamps of 1st Local value (others, lacking seeds, for 50c, 80s and S\$1.10 stamps for international mail; Fig. 13), the second, a collector's sheet of S\$5 face value (but officially sold for S\$8; Fig. 14). The

seeds of Japanese Rose (*Portulaca grandiflora*) were embedded on these stamps, to promote greening of the city state. The plant, a creeper producing flowers that bloom year-round. Planting instructions on reverse of the illustrated first product, and the two designs are identical, except the second item shows a different face value, as well as the absence of Merlion (the state symbol) on the northeast corner, and has embossed translucent foil over elements of biodiversity on selvage. The living seeds in both products were protected by plastic film and were the country's first stamps printed on biodegradable paper.

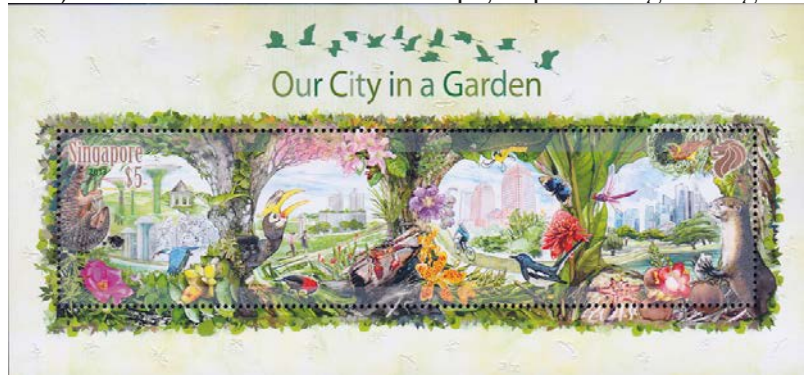


Fig. 14. Singapore, 'Our City in a Garden', collector's sheet (SG uncataloged, Scott #1612).

## Food Security Stamps



Fig. 15. Left. Trinidad and Tobago, 'Sustainable Food Systems for Food Security and Nutrition,' single stamp (SG 1205, Scott #894), without seed.

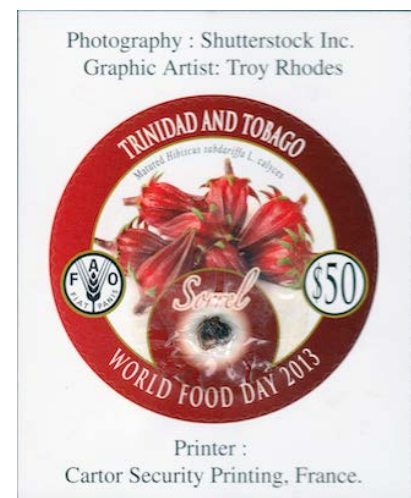


Fig. 16. Right. Trinidad and Tobago, 'Sustainable Food Systems for Food Security and Nutrition,' miniature sheet (SG 1206, Scott #895).



On the occasion of World Food Day, on 4 December 2013, Trinidad and Tobago issued a series entitled "Sustainable Food Systems for Food Security and Nutrition". All centered around Sorrel (*Hibiscus sabdariffa*). The series comprises a single stamp (Fig. 15) of face value \$1 (SG 1205, Scott #894), a miniature sheet (Fig. 16) of \$50 (SG 1206, Scott #895) and a sheetlet of five stamps (Fig. 17), \$1 (x 1), \$2.50 (x 1), \$3.75 (x 1), \$4.50 (x 1), \$5.25 (x 1) (SG MS 1207, Scott #896). The seeds were protected by plastic film in all the products, except the single stamp. The Sorrel was selected for the series to highlight food security, having edible seeds, roots, branches, leaves, blossoms and fruits, and used for making jams, jellies, gelatin, desserts, puddings, cakes, ice creams, drinks, besides its medicinal purposes.



Fig. 17. Trinidad and Tobago, 'Sustainable Food Systems for Food Security and Nutrition,' sheetlet of stamps (SG MS1207, Scott #896).



Fig. 18. Above. New Zealand, 'Grow Your Own / Sustainable New Zealand', embedded seeds (SG 3927).

Fig. 19. Below. New Zealand, 'Grow Your Own / Sustainable New Zealand', seedless (SG 3927).





On 4 October 2017, New Zealand issued a set entitled 'Grow Your Own / Sustainable New Zealand'. The sheetlet (SG 3927) included six stamps, illustrating vegetables, including Basil (*Ocimum basilicum*), Parsley (*Petroselinum crispum*), Chives (*Allium schoenoprasum*), Carrot (*Daucus carota sativus*), Broccoli (*Brassica oleracea var. italica*), and Lettuce (*Lactuca sativa*). Stamps are pentagonal, and of face value NZ\$1 (x 2); NZ\$2.20 (x 1); NZ\$ 2.30 (x 1); NZ\$ 2.70 (x 1); NZ\$ 3.30 (x 1). Since export of seeds out of New Zealand (and into many countries) are not permitted by law (unless accompanied by a phytosanitary certificate), versions with embedded seeds (Fig. 18) and seedless (Fig. 19) were produced, the former with a biodegradable plastic seed pouch.



Fig. 20. An international cover from the Netherlands to Malaysia, bearing two 'seeded' stamps (part of SG MS2593, Scott #1290) that successfully completed its journey.

This article leads the reader through the garden of plantable stamps. It has been mentioned that, due to often strict rules governing the import of seeds, many such issues are solely for local mail. However, illustrated is an example of one from Netherlands that slipped through and made it to its recipient overseas (Fig. 20).

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## BOTANY

Editor

Christopher E. Dahle BU 1269



Scott #	Denom	Common Name/Botanical Name	Family	Code
<b>ALBANIA</b>		<b>2021 March 15</b> (Trees and their blossoms)	Horiz	Pair
3043		Pair		
3043a	60L	Laurel, <i>Laurus nobilis</i>	Lauraceae	Fl T A
3043b	130L	Horse chestnut, <i>Aesculus hippocastanum</i>	Sapindaceae	Fl T A
<b>ARUBA</b>		<b>2020 April 20</b> (Earth Day 50y)	Set/4	
647	220c	Hands holding seedling		V U B
<b>BERMUDA</b>		<b>2021 April 5</b> (Garden Club of Bermuda 100y)	Set/4	
1176	\$1.35	Floral art		Fl U A
<b>CHINA (Taiwan)</b>		<b>2021 June 30</b> (Alpine Flowers)	Set/4	
4597	\$8	<i>Veratrum formosanum</i>	Melanthiaceae	Fl A
4598	\$8	<i>Scabiosa lacerifolia</i>	Caprifoliaceae	Fl A
4599	\$15	<i>Geranium hayatanum</i>	Geraniaceae	Fl A
4600	\$20	Stonecrop, <i>Sedum morrisonense</i>	Crassulaceae	Fl A
<b>DJIBOUTI</b>		<b>2020 February 27</b> (Orchids)	MS/4, SS/1	
1926	250fr	Blue orchid, <i>Vanda coerulea</i>	Orchidaceae	Fl A MS
1927	250fr	<i>Cattleya harrisoniana</i>	Orchidaceae	Fl A MS
1928	250fr	Greater butterfly orchid, <i>Platanthera chlorantha</i>	Orchidaceae	Fl A MS
1929	250fr	Bird's-nest orchid, <i>Neottia nidus-avis</i>	Orchidaceae	Fl A MS
1929a		Souvenir sheet of 4		
1930		Nancy Off 'Linwood' <i>Cattleya</i> Nancy Off "Linwood"	Orchidaceae	Fl A SS
		Margin: <i>Calanthe vestita</i>	Orchidaceae	Fl A SS Z
		<b>2020 Mach 13</b> (Paintings by van Gough)	Set/4, SS/4, SS/1	
2039	250fr	"Wheat Fields Behind Saint-Paul Hospital" <i>Triticum aestivum</i>	Poaceae	V B
2039a		Souvenir sheet of 4		
2040	1000fr	"Wheat Fields with Reaper at Sunrise" <i>Triticum aestivum</i>	Poaceae	V B SS
		Margin: Dead Sunflower, <i>Helianthus annuus</i>	Asteraceae	Fl B SS Z
		<b>2020 December 30</b> (Orchids of Venezuela)	Set/6, 3x SS/1	
2338a	330fr	Mother-of-pearl flower, <i>Catasetum pileatum</i>	Orchidaceae	Fl A MS
2338b	330fr	<i>Laelia</i> (=Schomburgkia) <i>undulata</i>	Orchidaceae	Fl A MS
2338c	330fr	<i>Trichocentrum</i> (=Oncidium) <i>cebolleta</i>	Orchidaceae	Fl A MS
		Margin: <i>Catasetum callosum</i>	Orchidaceae	Fl A MS Z
2339a	330fr	<i>Sobralia violacea</i>	Orchidaceae	Fl A MS
2339b	330fr	Easter orchid, <i>Cattleya mossiae</i>	Orchidaceae	Fl A MS
2339c	330fr	<i>Telipogon latifolius</i>	Orchidaceae	Fl A MS
		Margin: Pine pink, <i>Bletia purpurea</i>	Orchidaceae	Fl A MS Z
		Mother-of-pearl flower, <i>Catasetum pileatum</i>	Orchidaceae	Fl A MS Z

**DJIBOUTI (continued)**

- 2340 1000fr Pine pink, *Bletia purpurea* Orchidaceae Fl A SS  
 Margin: *Dimerandra stenopetala* Orchidaceae Fl A SS Z  
 2341 1000fr *Catasetum barbatum* Orchidaceae Fl A SS  
 2342 1000fr *Catasetum callosum* Orchidaceae Fl A SS

**2021 March 1 (Orchids)** Set/4, SS/4, SS/1

- 2420 250fr Easter orchid, *Cattleya mossiae* Orchidaceae Fl A MS  
 2421 250fr Guaría morada, *Guarianthe skinneri* (= *Cattleya skinneri alba*) Orchidaceae Fl A MS  
 2422 250fr Easter orchid, *Cattleya mossiae* (= *aliciae*) Orchidaceae Fl A MS  
 2423 250fr Guaría morada, *Guarianthe* (= *Cattleya*) *skinneri* Orchidaceae Fl A MS  
 2423a Souvenir sheet of 4  
 2424 1000fr Flor de Mayo, Christmas orchid, *Cattleya trianae* Orchidaceae Fl A SS

**ESTONIA**

**2021, February 4**

Single

- 942 90c Roses in shape of a heart, *Rosa x hybrida* Rosaceae Fl A

**2021 March 1**

Single

- 945 90c Bachelor's button, *Centaurea cyanus* Asteraceae Fl A

**2021 April 13 (King's Pine, Järvselja Nature Reserve)**

SS/1

- 947 €7.50 Scots pine, *Pinus sylvestris* Pinaceae T A

**FINLAND**

**2021 January 20 (Flowers)**

Horiz pair

- 1631 Pair

- 1631a €1.75 Columbines, *Aquilegia x hybrida* Ranunculaceae Fl A

- 1631b €1.75 Day lily, *Hemerocallis x hybrida* Xanthorrhoeaceae Fl A

**FRANCE**

**2021 January 2 (Aerial views)**

Set/12

- 5956 (€1.28) Vineyard in Bas-Rhin Department, *Vitis vinifera* Vitaceae V A

- 5957 (€1.28) Orchard in Loiret Department T A U

- 5958 (€1.28) Pasture in Lozère Department Poaceae V A

- 5967 (€1.28) Wheat fields, Côte d'Or Department, *Triticum aestivum* Poaceae V A

- Rapeseed fields, *Brassica napus* Brassicaceae Fl A

- 5967a Booklet pane of 12

**FRENCH POLYNESIA**

**2021 April 9 (Palm trees)**

Set/2

- 1263 10fr Marquesas palm, *Pelagodoxa henryana* Arecaceae Fr T A

- 1264 110fr Mitíaro fan palm, *Pritchardia mitíaroana* Arecaceae Fr T A

**2021 June 25 (Gardenia scented stamp)** Single

- 1267 100fr Woman holding gardenias, *Gardenia taitensis* Rubiaceae Fl B

**FRENCH SOUTHERN & ANTARCTIC TERR. 2020 December 1 (FSAT 65y) Set/5**

- 641 Minisheet of 5

- 641c €1.50 Lycopodium, *Lycopodium sp.* Lycopodiaceae V B MS

**2021, January 2 (Kerguelen Islands Flora)** Set/4

- 658 Sheet of 4

- 658a €1.50 Kerguelen cabbage, *Pringlea antiscorbutica* Brassicaceae Fl A

- 658b €1.50 Lyallia cushion, *Lyallia kerguelensis* Montiaceae Fl A

- 658c €1.50 Antarctic hard fern, alpine water fern, *Blechnum penna-marina* Blechnaceae V A

- 658d €1.50 Greater burnet, *Acaena magellanica* Rosaceae Fl A

**GREAT BRITAIN****Guernsey****2021** (Royal British Legion, 100y)

Set/3

1599-1601

Poppy wreaths, *Papaver rhoeas*

Papaveraceae Fl B Wr

**2021, February 17**

SS/1

1604 £3

'Sara Elizabeth' Clematis, *Clematis* 'Sara Elizabeth'

Ranunculaceae Fl A SS Z

**Alderney****2021, April 7** (Intl. Year of Fruits & Vegetables)

Set/8

697 50p

Strawberries, *Fragaria ananassa*

Rosaceae

Fr A

698 70p

Physalis, groundcherry, *Physalis peruviana*

Solanaceae

Fr A

699 73p

Peas, *Pisum sativum*

Fabaceae

Fr A

700 £1.00

Tomatoes, *Lycopersicon esculentum*

Solanaceae

Fr A

701 £1.15

Oranges, *Citrus sinensis*

Rutaceae

Fr A

702 £1.20

Quinces, *Cydonia oblonga*

Rosaceae

Fr A

703 £2.20

Carrots, *Daucus carota*

Apiaceae

V A

704 £3.50

Onions, *Allium cepa*

Amaryllidaceae

V A

Garlic, *Allium sativum*

Amaryllidaceae

V A

**GRENADA****2020 September 30** (Plants and Flowers)

Set/4, SS/2

4374

Sheet of 4

4374a \$5.50

Heliconia, *Heliconia* sp.

Heliconiaceae

Fl A MS

4374b \$5.50

Anthurium, *Anthurium andinum*

Araceae

Fl A MS

4374c \$5.50

Grand Etang Forest Reserve fern, unidentified

V A U MS

4374d \$5.50

Bougainvillea, *Bougainvillea spectabilis*

Nyctaginaceae Fl A MS

4375

Souvenir sheet of 2

4375a \$8.00

Pink orchid, *Phalaenopsis* sp.

Orchidaceae

Fl A SS

4375b \$8.00

Spiral ginger, *Costus barbatus*

Costaceae

Fl A SS

**GUATEMALA****2020, October 9** (Orchids)

Set/5, SS/1

722 1q

*Pleurothallis archilarum*

Orchidaceae

Fl A

723 2q

*Lycaste dowiana* (= *L. dowiana* var. *isabelli*)

Orchidaceae

Fl A

724 3q

*Brassia brunnea*

Orchidaceae

Fl A

725 4q

*Selbyana oscarrodrigo*

Orchidaceae

Fl A

726 5q

*Lycaste guatemalensis*

Orchidaceae

Fl A

727 10q

White nun orchid, *Lycaste virginalis* (= *L. virginalis* f. *alba*)

Orchidaceae

Fl A SS

Margin: *Barkaria archilarum*

Orchidaceae

Fl A SS Z

*Coryanthes javieri*

Orchidaceae

Fl A SS Z

*Acianthera javieri*

Orchidaceae

Fl A SS Z

*Chysis chironii*

Orchidaceae

Fl A SS Z

**KOSOVO****2021 June 4** (Mountain Fruit)

Strip/3, SS/1

463

Strip of 3

463a 80c

Raspberries, *Rubus idaeus*

Rosaceae

Fr A

463b 90c

Wild strawberries, *Fragaria vesca*

Rosaceae

Fr A

463c €1.00

Wild blueberries, *Vaccinium myrtillus*

Ericaceae

Fr A

464 €2.00

Wild strawberries, *Fragaria ananassa*

Rosaceae

Fr A SS Z

Wild blueberries, *Vaccinium myrtillus*

Ericaceae

Fr A SS Z

Raspberries, *Rubus idaeus*

Rosaceae

Fr A SS Z

**LIBERIA****2021 February 1** (Wild Flowers of New England)

Set/12, 2xSS/1

3529a \$200.00

Bittersweet nightshade, *Solanum dulcamara*

Solanaceae

Fl A MS

3529b \$200.00

Creeping buttercup, *Ranunculus repens*

Ranunculaceae

Fl A MS

3529c \$200.00

Swamp azalea, *Rhododendron viscosum*

Ericaceae

Fl A MS

**LIBERIA (continued)**

3529d	\$200.00	Orange jewelweed, <i>Impatiens capensis</i>	Balsaminaceae	Fl A MS
3529e	\$200.00	Japanese rose, <i>Kerria japonica</i>	Rosaceae	Fl A MS
3529f	\$200.00	American white waterlily, <i>Nymphaea odorata</i>	Nymphaeaceae	Fl A MS
3530a	\$200.00	Black-eyed Susan, <i>Rudbeckia hirta</i>	Asteraceae	Fl A MS
3530b	\$200.00	English plantain, <i>Plantago lanceolata</i>	Plantaginaceae	Fl A MS
3530c	\$200.00	Spotted St. John's wort, <i>Hypericum punctatum</i>	Hypericaceae	Fl A MS
3530d	\$200.00	Indian pipe, <i>Monotropa uniflora</i>	Ericaceae	Fl A MS
3530e	\$200.00	Spotted knapweed, <i>Centaurea stoebe</i>	Asteraceae	Fl A MS
3530f	\$200.00	Common soapwort, <i>Saponaria officinalis</i>	Caryophyllaceae	Fl A MS
3531	\$1200.00	Bittersweet nightshade, <i>Solanum dulcamara</i>	Solanaceae	Fl A SS
3532	\$1200.00	Wood sorrel, <i>Oxalis stricta</i>	Oxalidaceae	Fl A SS

**MARSHALL ISLANDS**      **2020 October 6** (Hibiscus)      Set/4, SS/1

1276	Sheet of 4, 1276a-d	<i>Hibiscus rosa-sinensis</i>	Malvaceae	Fl A MS
1277	\$5.00	Chinese hibiscus, <i>Hibiscus rosa-sinensis</i>	Malvaceae	Fl A SS Z

**MONGOLIA**      **2020 December 24** (Diplomatic relations Mongolia-India, 65y)      Single

2965	1000t	Lotus, <i>Nelumbo nucifera</i>	Nelumbonaceae	Fl B
		Water lily, <i>Nymphaea alba</i>	Nymphaeaceae	Fl B

**ST THOMAS & PRINCE**      **2017 November 7** (Orchids)      Set/4, SS/1

3473a	31,000d	Clamshell orchid, <i>Prosthechea cochleata</i>	Orchidaceae	Fl A MS
3473b	31,000d	Common Christmas orchid, <i>Calanthe triplicata</i>	Orchidaceae	Fl A MS
3473c	31,000d	Golden bow dendrobium, <i>Dendrobium chrysotoxum</i>	Orchidaceae	Fl A MS
3473d	31,000d	Noble dendrobium, <i>Dendrobium nobile</i>	Orchidaceae	Fl A MS
3490	124,000d	<i>Dendrobium lamyiaiae</i>	Orchidaceae	Fl A SS

**TRINIDAD & TOBAGO 2021** (Scott #752 surcharged, see Plants on Stamps Vol.V, p. 212)      Single

961	\$2 on 75c	West Indian pink, <i>Spigelia anthelmia</i>	Loganiaceae	V A
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**TURKS & CAICOS**      **2014 November 3** (Type of 2014, see Vol. 64(3), p.162)      Set/4, SS/2

1527Ef	\$1.20	Dickinson's lady's slipper, <i>Cypripedium dickinsonianum</i>	Orchidaceae	Fl A MS
1527Eg	\$1.20	<i>Cattleya gaskelliana</i>	Orchidaceae	Fl A MS
1527Eh	\$1.20	<i>Cattleya dowiana</i>	Orchidaceae	Fl A MS
1527Ei	\$1.20	Colombian buttercup, <i>Oncidium cheiroporum</i>	Orchidaceae	Fl A MS
1528Cd	\$2.00	<i>Brassavola subulifolia</i> (=nodosa)	Orchidaceae	Fl A SS
1528Ce	\$2.00	Pelican orchid, <i>Cypripedium irapeanum</i>	Orchidaceae	Fl A SS

**TUVALU**      **2020 September 30** (Flowers of Tuvalu)      Set/6, SS/1

1467		Sheet of 6		
1467a	\$1.50	Tamanu flower, <i>Calophyllum inophyllum</i>	Calophyllaceae	Fl A MS
1467b	\$1.50	Mahoe flower, <i>Hibiscus tiliaceus</i>	Malvaceae	Fl A MS
1467c	\$1.50	Lantana, <i>Lantana camara</i>	Verbenaceae	Fl A MS
1467d	\$1.50	Hibiscus, <i>Hibiscus rosa-sinensis</i>	Malvaceae	Fl A MS
1467e	\$1.50	White gardenia, <i>Gardenia thunbergia</i>	Rubiaceae	Fl A MS
1467f	\$1.50	Purple coraltree, <i>Erythrina fusca</i>	Fabaceae	Fl A MS
1468	\$7.00	Plumeria, frangipani, <i>Plumeria rubra</i>	Apocynaceae	Fl A SS Z



## New Plants in the Philatelic Herbarium

By Christopher E. Dahle, BU 1269

### *Cattleya* Nancy Off "Linwood"

#### ORCHIDACEAE

Nancy Off 'Linwood'

Hybrid made by Off & Sons 1956, *Cattleya* Bebe White × *Cattleya* Joyce Hannington. Large white flowers with yellow centers.

Djibouti Scott #1930. Issued 27 February 2020 in a set of 4 designs, a mini sheet with those 4 designs and a souvenir sheet with this design.



### *Telipogon latifolius*. ORCHIDACEAE

Synonyms: *Telipogon bruchmuelleri*

Herbaceous epiphyte. Leaves oblong-ovate. Flowers in late autumn on 2-3 flowered inflorescence. Yellow flowers with purple veins, 3.2 cm. Found in dense, damp cloud forests 1800-2800 m in Venezuela, Colombia and Ecuador.

Djibouti Scott #2339c. Issued 30 December 2020 in a set of 6 designs on 2 souvenir sheets of 3 and one souvenir sheet of 1, titled "Orchids of Venezuela." Photographs by Ivan Mikolji. Printed by offset.

### *Pleurothallis archilarum*. ORCHIDACEAE

Herbaceous epiphyte. Red flower 2 cm. Fall blooming. Grows on oak trees. Found only in Guatemala, at 1550 m.

Guatemala Scott #722, Issued on 9 October 2020, in a set of 5 and a souvenir sheet of 1, featuring orchids. Designed by Ziomara de Leon. Printed by offset.



### *Lycaste dowiana*. ORCHIDACEAE

Synonyms: *Lycaste dowiana* var. *isabelii*, *L. dowiana* var. *labello-alba*, *L. dowiana* var. *viridis*

Herbaceous large to medium-sized epiphyte. Spineless pseudobulbs, ovoid 5-9 by 3-4.5 cm. Leaves elliptic lanceolate to 40 cm by 8 cm. Single flowered inflorescence 8-9 cm. Petals white 3.3 by 1.9 cm. Sepals reddish-brown. Flowers all year. Cloudforests at 700-1400 m from Nicaragua, Costa Rica And Panama.

Guatemala Scott# 723. Issued 9 October 2020 in a set of 5 and a souvenir sheet of 1, featuring orchids.



***Brassia brunnea*. ORCHIDACEAE**

Large perennial epiphyte. Succulent pseudobulbs. Oblong leaves. Blooms on 60 cm several-flowered inflorescence. Endemic to Guatemala. Found at 1200-1400 m.

Guatemala Scott #724. Issued 9 October 2020 in a set of 5 and a souvenir sheet of 1, featuring orchids.

***Selbyana oscarrodrigoii*. ORCHIDACEAE**

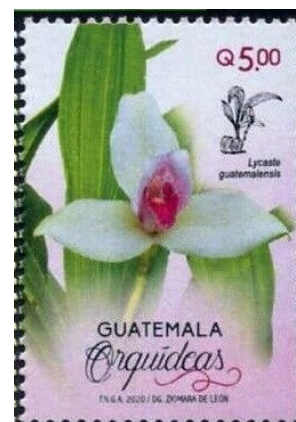
An epiphytic and lithophytic plant. Pseudobulbs 8 cm. Leaves green. Inflorescence bears a single yellow flower. Dorsal sepal triangular-lanceolate, with a pointed tip, 2.2 cm long and 1.15 cm wide. Lateral sepals obliquely triangular with a acuminate apex, 3 cm long and 1.25 cm wide.

Guatemala Scott #725. Issued 9 October 2020 in a set of 5 and a souvenir sheet of 1, featuring orchids.

***Lycaste guatemalensis*. ORCHIDACEAE**

Medium-sized herbaceous epiphyte or lithophyte. Green pseudobulbs, 19-19 by 2-3.5 cm. Leaves 26-38 by 5-7 cm, 3-ribbed. Single flower, 9 cm, white and purple, late spring through fall, on inflorescence 16 cm. Guatemala, Honduras and El Salvador at 1000-1700 m.

Guatemala Scott #726. Issued 9 October 2020 in a set of 5 and a souvenir sheet of 1, featuring orchids.

***Coryanthes javieri*.****ORCHIDACEAE**

Epiphytic plant. Pseudobulbs 5-7 cm. Leaves green 35 x 7 cm. Flowers white. Endemic to Guatemala. Grows above 500 m.

***Acianthera javieri*.****ORCHIDACEAE**

Small pendulous epiphyte. Inflorescence bears several flowers 5 mm. Spotted bracts.

***Chysis chironii*. ORCHIDACEAE**

Epiphyte with pendent pseudobulbs bearing 3 leaves. Several yellow flowers, 5 cm, on short inflorescence. 1500-1700 m in Guatemala.

Guatemala Scott #726. Issued 9 October 2020 in a set of 5 and a souvenir sheet of 1, featuring orchids.



***Rhododendron viscosum.*** ERICACEAE

Common name: Swamp azalea

Synonyms: *Rhododendron viscosum* f. *viscosum*, *Rhododendron viscosum* var. *viscosum*

Shrub 1-2 m, twigs red-brown, pubescent. Leaves deciduous 3-6 cm, ovate to elliptic. Flowers fragrant, 2-4 cm, white, on raceme of 3-14 flowers in June-July. Grows in wet woods and swamps from Maine to Ohio and Florida.



Liberia Scott #3529c. Issued 1 February 2021 in a set of 2 minisheets of 6 and 2 souvenir sheets titled Wild Flowers of New England. Photographs by Ivan Mikolji.

***Impatiens capensis.*** BLASAMINACEAE

Common name: Orange jewelweed, spotted touch-me-not

Synonyms: *Balsamina capensis*, *B. fulva*, *Chrysaea biflora*, *Impatiens biflora*, *Impatiens capensis* f. *capensis*

Annual herb 0.6 to 1.5 m. Leaves alternate, oval, 12 by 7 cm on slender petiole, with toothed margins. Clusters of 1-3 flowers, 2.5 cm long, rear-spurred, cornucopia-shaped, orange to orange-yellow flowers with reddish-brown spotting, June-September. Grows in low woodlands and thickets, along stream banks and in swampy areas from Newfoundland and Quebec to Saskatchewan south to Alabama and Oklahoma.



Liberia Scott #3529d. Issued 1 February 2021 in a set of 2 minisheets of 6 and 2 souvenir sheets titled Wild Flowers of New England. Photographs by Ivan Mikolji.

***Monotropa uniflora.*** ERICACEAE

Common name: Indian pipe, Ghost plant

Synonyms: 13

Herbs lacking chlorophyll, white when fresh, turning black, from perennial roots. Without leaves. Inflorescence single flowered 10-30 cm. Flower 1.5-2 cm diameter, nodding, Sept.-Oct. A mycoheterotroph, it is also parasitic, often on beech trees. Found in Eastern North America across Canada to Pacific Northwest, Japan, Korea and southern China. A disjunct population in Mexico, Central America and Colombia.

Liberia Scott #3530d. Issued 1 February 2021 in a set of 2 minisheets of 6 and 2 souvenir sheets titled Wild Flowers of New England. Photographs by Ivan Mikolji.

***Oncidium cheirophorum.*** ORCHIDACEAE

Common name: Colombia buttercup, golden rain orchid

Synonyms: *Oncidium cheirophorum* var. *exauriculatum*, *O. dielsianum*, *O. exauriculatum*, *O. macrorhynchum*

Dwarf, caespitose, epiphytic herbs 12-15 cm. Pseudobulbs 1.5-3 by 1.4-2.5 cm. Leaves 5-15 cm long, 0.8-1.4 cm wide. One or 2 slender arching scapes to 30 cm produce many yellow, citrus-scented flowers, less than 1.5 cm. Grows in full sun at elevations 1000-2500 m from Mexico to Colombia.

Turks and Caicos Scott #1527Ei. Issued on 3 November 2014 in a set of 4 and souvenir sheet of 2, "Orchids of the Caribbean."

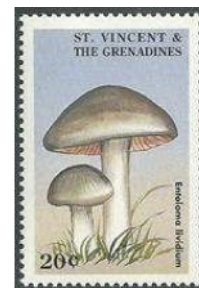




## FUNGI

Editor

Paul A. Mistretta, BU 1681



*Ed. Note: Occasionally in this section and also in the Herpetology section, we will note a species that is known to be poisonous or venomous by marking it with a ☠ symbol. One should not infer that other species that are not so marked are non-poisonous or non-venomous or safe to handle/eat.*

### New Issues

Scott #	Denom.	Common name; Scientific name	Family name	Code
<b>DJIBOUTI</b>				
<b>27 February 2020 (M)</b>				
1931	250fr	Golden chanterelle, <i>Cantharellus cibarius</i>	Cantharellaceae	A
1932	250fr	Netted rhodotus, <i>Rhodotus palmatus</i>	Physalacriaceae	A
1933	250fr	Yellow-, true- or sponge morel, plus, <i>Morchella esculenta</i>	Morchellaceae	A
1934	250fr	Cep, penny bun, porcino, <i>Boletus edulis</i>	Boletaceae	A
1935	1000fr	Fly agaric, <i>Amanita muscaria</i> ☠	Amanitaceae	A
1934a	1000fr	MS of 4 - 1 ea Sc#1931-1934		
<b>27 February 2020 (Fleming &amp; M)</b>				
1996	250fr	Blushing morel, <i>Morchella rufobrunnea</i>	Morchellaceae	B
1997	250fr	Death cap, <i>Amanita phalloides</i> ☠	Amanitaceae	B
1998	250fr	Fly agaric, <i>Amanita muscaria</i> ☠	Amanitaceae	B
1999	250fr	Golden chanterelle, <i>Cantharellus cibarius</i>	Cantharellaceae	B
2000	1000fr	<i>Penicillium chrysogenum</i>	Trichocomataceae	B
1999a	1000fr	MS of 4 - 1 each of Sc#1996-1999		
Note: Sc#1996, Sc# 1999 and Sc#2000 each contain a portrait of Alexander Fleming				
<b>27 July 2020 (Fleming &amp; M)</b>				
2217a	250fr	King trumpet, French horn, + more, <i>Pleurotus eryngii</i>	Pleurotaceae	A
2217b	250fr	Horn of plenty, <i>Craterellus cornucopioides</i>	Cantharellaceae	A
2217c	250fr	<i>Russula decolorans</i>	Russulaceae	A
2217d	250fr	Collared earthstar, saucered earthstar, plus, <i>Gaeastrum triplex</i>	Gaeastraceae	A
2228	250fr	Shaggy ink cap, shaggy mane Lawyer's wig, <i>Coprinus comatus</i>	Coprinaceae	A
2217	1000fr	MS of 4 - 1 ea Sc#2217a-d		
<b>27 July 2020 (Fleming &amp; M)</b>				
2266	1000fr	Cep, penny bun, porcino, <i>Boletus edulis</i> & Alexander Fleming, discoverer of penicillin		B
<b>12 December 2020 (Fleming &amp; M)</b>				
2322	250fr	Golden chanterelle, <i>Cantharellus cibarius</i>	Cantharellaceae	A
2323	250fr	Honey mushroom, <i>Armillaria mellea</i>	Tricolomataceae	A
2324	250fr	Cep, penny bun, porcino, <i>Boletus edulis</i>	Boletaceae	A
2325	250fr	Fly agaric, <i>Amanita muscaria</i> ☠	Amanitaceae	A
2323a	250fr	MS of 2 - 1 ea Sc#2322 and Sc#2323		
2325a	250fr	MS of 2 - 1 ea Sc#2324 and Sc#2325		
<b>12 December 2020 (Fleming &amp; M)</b>				
2427a	250fr	Alexander Fleming examining a Petrie dish, fungus		U
2427a	250fr	Girolle, <i>Cantharellus cibarius</i> [+ Fleming & bust of Fleming]	Cantharellaceae	B
2427c	250fr	Wood blewit, <i>Clitocybe nuda</i> [+ Fleming with Petri dish & wearing "mortarboard"]	Tricholomataceae	B



**DJIBOUTI (continued)**

2427d 250fr Alexander Fleming - 2 images

2435 1000fr Cep, Penny bun, porcino, *Boletus edulis* [+ Alexander Fleming] Boletaceae B

2427 1000f MS of 4 - 1 ea Sc#2427a-d

**20 May 2021 (Fleming & M)**2451a 250fr Sickener, emetic Russula, vomiting russula, *Russula emetica* Russulaceae A2451b 250fr Grisette, *Amanita vaginata* Amanitaceae A2451c 250fr Fly agaric, *Amanita muscaria* Amanitaceae A2451d 250fr Honey mushroom, *Armillaria mellea* Tricholomataceae A2460 1000fr Red capped scaber stalk, *Leccinum aurantiaacum* Boletaceae A

2451 1000fr MS of 4 - 1 ea Sc#2451a-d

**ST. THOMAS & PRINCE****7 November 2017 (M)**3474a 31,000d Death cap, *Amanita phalloides* Amanitaceae A3474b 31,000d *Chroogomphus fulmineus* Gomphidiaceae A3474c 31,000d Larch bolete, Greville's bolete, *Suillus grevillea* Suillaceae A3474d 31,000d Laughing gym mushroom, rustgill, *Gymnopilus junonius* Cortinariaceae A3491 124,000d Golden bootleg, *Phaeolepiota aurea* Agaricaceae A

3474 124,000d MS of 4 - 1 ea Sc#3474

Missed in a past Linn's:

**DJIBOUTI****14 March 2019 (M)**

1661a 250fr Scout studying ?mushroom C

1661b 250fr Scout cooking mushrooms C

1661c 250fr Scout recording ?mushroom in a computer C

1661d 250fr Scout sketching ?mushroom C

1670 1000fr in margin of SS - Scout with basket of mushrooms B

1661 1000fr MS of 4 - 1 ea Sc#1661a-d B C

Note: Sc#1661a, c & d are debatable identifications of mushrooms based the obvious mushrooms in the vignettes of Sc#1661b and Sc#1670

## Caveat Emptor! (Part 3)

### How Do I Know if an Issue is Illegal?

Paul Mistretta (BU 1681)

In this installment I will closeout my previous discussion of the Universal Postal Union's (UPU) *Circulars* relating to illegal stamps and then expand on undeclared (suspect) illegal stamps.

I have been able to access information published between 1996 and 2020. In that time range 136 *Circulars* (at least) deal with illegal issues; thankfully, only 22 relate to fungi on stamps. While *Circulars* dealing with illegals were published prior to 1996 I do not have access to them (a password to the UPU website is required which I do not have).

Immediately below is the information derived from the 22 relevant *Circulars*. Records are reported in country order. Note that UPU *Circulars* are prepared in correspondence format; they are dated, and then numbered sequentially, starting over with '#1' each year. I abbreviate this identifying information using the simplified form "*Circ#*; day MON year". For example, in 2003 *Circular #2* was issued on January 13th and is recorded as *Circ#2*; 2 JAN 1966.]

**Afghanistan:** *Circ# 345*; 21 AUG 2000 - no new postage stamps have been issued since 1989. [Thus, all since that date are illegal.]

**Algeria:** *Circ# 71*; 20 MAR 2008 - issues of '...République Arabe Sahraoui Démocratique (Saharan Arab Democratic Republic) or "Sahara Occidental" (Western Sahara)...)' are declared illegal.

**Angola:** *Circ#40*; 25 of SEP 2000 - lists 53 sets of illegals, one of which it noted simply as 'mushrooms' (presumptively the issue of 18 3,500,000kz stamps and 3 21,000,000kz miniature sheets of 6.)

**Azerbaijan:** *Circ#60*; 2 MAR 2009 - lists 7 issues including '-mushrooms (2008)'.

**Eritrea:** *Circ#294*; 13 OCT 2003 - Long list of specific topics (not issues) found on "Eritrea" illegal stamps; includes mushrooms in the list (presumptively the 2001 issue of 4 stamps plus a miniature sheet of the 4 stamps).

**Georgia:** *Circ#50*; 29 JAN 2001- over 200 sets from 'Abkhassia, the Republic of South Ossetia, Adjara and Batum...'; unspecified issues, but potentially as many as 9 mushroom issues dating back to 1994 were included in the "...more than 200 sets..."

**Georgia:** *Circ#75*; 30 APR 2012 - "...the regions of Abkhassia and South Ossetia... bearing the inscription" Republic of Abkhazia in English, Russian and Abkhazian ("АԦԻԽԻԶ"), "Republic of South of Ossetia in English and Russian..."; while being nonspecific this declaration presumably includes a 2010 issue of fossils and mushrooms composed of 3 miniature sheets of 8 stamps each of which 4 per sheet are mushrooms. May even have been intended to include back to the 2 mushroom issues of 2007.

**Malawi:** *Circ#59*; 2 MAR 2009 - 20 sets including one sheet of 'MALAWI 08 (postage £1.95)'.

**Malawi:** *Circ#66*; 11 MAY 2015 - 90 sets issued between 2005 and 2013 including: "Malawi 2008mushrooms #1; Malawi 2008 poisonous mushrooms both listed as imperf sheetlets with added Scouts logo; and Malawi 2011 scientists (as sheetlet containing two stamps 1 of Louis Pasteur).

**Mali:** *Circ#165*; 22 MAY 2000 - 9 sets including 1 set of '...mushrooms...'

**Mali:** *Circ#79*; 25 MAY 2015 - "Mali Post would like to inform the postal community that the only legal stamp issue for 2015 is the 'Manuscrits de Tombouctou' (Timbuktu Manuscripts) issue... all other issues for 2015 in the name of Mali... are illegal..."; This declaration includes 1 set of mushrooms-on-stamps formed of a miniature sheet of 4 different plus a souvenir sheet with a single stamp.

**Myanmar:** *Circ#428*; 25 NOV 2002 - 18 sets including 'mushrooms and the Rotary logo...'

**Niger:** *Circ#194*; 5 JUN 2000 - list nine sets including one set of mushroom stamps.

**Nigeria:** *Circ#118*; 31 AUG 2020 - Six issues noted including mushrooms series composed of 1 miniature sheet of five stamps.

**Russian Federation:** *Circ#15*; 14 JAN 2000 - presents an exhaustive list of regions of the Russian Federation on whose behalf illegal stamps have been issued [see previous article].

**Russian Federation:** *Circ#214*; 19 JUN 2000 and *Circ#15* of 14 JAN 2002 - similar listing to that in *Circ#15* of 14 JAN 2000.

**Rwanda:** *Circ#363*; 3 SEP 2001 - list 23 sets including one described as '...various varieties of fungi...';

**Rwanda:** *Circ#128* of 20 Aug 2012 - '... all issues bearing a date after 15 NOV 2010 are... illegal'; at least 1 mushroom set (3 different miniature sheets, 5 of 9 stamps each relate to the topic) is included in the date range between the date of the circular (Aug. 20, 2012) and Nov 15, 2010.

**Somalia:** *Circ#328*; 17 OCT 2007 - contains an almost three-page list of specific topical (one issue per line) including “flora: mushrooms with values of 300, 400, 900, 1000 shSo...” (shSo being Somalian shillings).

**Ukraine:** *Circ#253*; 26 JUL 1999 - lists three sets including 1 unspecified mushroom set.

All stamps reported above have been reported illegal to/by the UPU.

The bulk of the remaining Circulars dealing with illegals do not appear to have relevance to the topic of fungi-on-stamps. They deal with a variety of other topics such as sports, entertainment figures, historical events, etc. etc. And one final note: I did not include in the above listing items reported as; counterfeit (stamps designed to defraud a postal agency), fantasy issues (such as Donald Evans’ artwork/stamps for “Sabot”), unauthorized overprints or unauthorized reprints which may have been reported to the UPU.

Despite all this background we still have a very real problem. As noted last time, the reporting of illegals is a voluntary process and quite often primary reporters simply do not report (often apparently being frustrated by the fact that the reports over time have not been effective deterrents to stem the ongoing flood of illegal issues.) The UPU, to the present, has resisted publishing scans or other images of illegal stamps. In developing the WNS (the World Numbering System [previously described]), they took the positive approach and document only those issues confirmed as legitimate by the responsible reporting agencies in each country. Once again, this system is based entirely on voluntary submissions from those agencies.

So, how does one proactively decide to allocate your stamp acquiring budget to legal issues, especially given the ready availability of illegal issues on the internet (often through reputable dealers who are also having trouble separating the legal issues from the illegal ones.) Dealers, editors of major philatelic catalogs, and collectors are all foundering on this issue.

At this point I will speculate (and probably ramble a bit) through the minefield. Hopefully some of what I have to offer will help inform your decision “to buy or not to buy.”

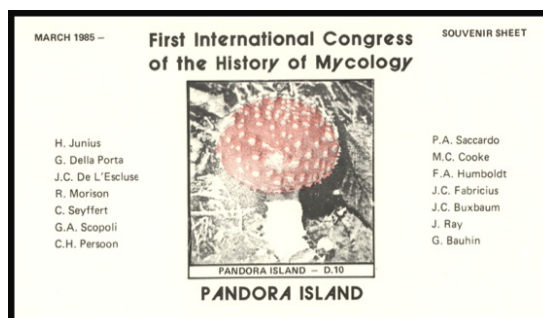
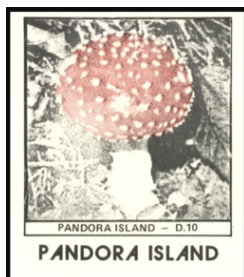
**Hints** (not rules or even guidelines) that a given issue may actually be an illegal include:

- **Hint 1: “Country” name on the stamps is not one that you recognize.** If not - you might want to check the website: <https://www.collectorsclubchicago.org/no-4-labels-purporting-to-be-stamps/>, and if that fails there is always Wikipedia...

- **Hint 2: Printing is crude** - More common among the early illegals - applies to presentation (layout, printing or both.) Two examples should suffice. First is the “souvenir sheet” ostensibly issued by Pandora Island issued as both an imperforate stamp and as an imperforate souvenir sheet.

These two items (much reduced) speak for themselves. As can be readily seen, the vignette, an *Amanita (muscaria ? caesarea)*, is overexposed with bleached coloration, the printing in the souvenir sheet is misaligned, and the typed information is in what I would term textbook basic (aesthetically boring). This pasty issue does not pretend to be an artistic presentation of its subject matter.

A second form of “crudeness” appears in the form of overprints which incorporate silhouettes of fungi which are only sometimes identifiable as other than simply ‘fungi’. A couple of hundred of these overprinted ‘stamps’ were generated in the name of “Russian Republics” in the late 1990s and early 2000s. While often



aesthetically pleasing, these overprints hold little value in terms of recognition of specific fungi. A single example, a strip of ten stamps overprinted in the name of Chechnya, is presented (60% original) immediately below.

The only thing which can be stated



about the silhouettes in these overprints is that the 100k, 200k, 300k, 400k, 600k, 700k, 800k and 900k



are probably mushrooms; the 500k is probably a bolete; and the 1000k is probably a morel. Beyond that nothing except further speculation. Unfortunately, from my perspective some these overprinted items have good presentation values and are somewhat appealing.

- **Hint #3: Issue is ridiculously extended.** Two examples are the issue of 20 miniature sheets with 4 different vignettes each, all issued at the same time (in the name of Yakutia in 2010); and the use of the same format in 12 different miniature sheets of 4 different vignettes in six consecutive years (thus 72 miniature sheets x 4 diff vignettes = 288 diff “stamps” (in the name of Republic of Marij El 2006 through 2011)).

- **Hint #4: Mushrooms or other fungi incorporated in the selvedge of miniature sheets which have nothing to do with fungi.** A butterfly issue of, at least, 17 different miniature sheets of 10 different stamps each released in 2010 includes the same selvedge art on all sheets. The artwork in the selvedge consists of 27 different unidentified mushrooms (but, what the heck do they have to do with the 170 butterflies?)

- **Hint #5: Format and artwork is repetitive and used by different countries mimicking an omnibus issue but not advertised or sold as such.** Compare recent releases attributed to Burundi, Botswana, Liberia, Mali, Rwanda, Zimbabwe among others. Their recent miniature sheets and souvenir sheets give a sense of “I’ve seen that already” and makes any attempt at consolidating information somewhat problematic due to the sense of déjà vu they present.

- **Hint 6: Issue is one of a large number of unrelated sets “issued” on the same day.** To get a feel for this, access <http://niger.post-stamps.com/>. At this site are presented by “date of issue” stamps and miniature sheets with “Issue items” for that date. For example: for “Niger” and ‘04.11.2019’ there are 2 clickable boxes which link to a total of 67 “Issue items” released on that date; similarly, for ‘24.08.2019’ another 2 boxes display 54 different “Issue items” released on that date. All-told, on only 6 issue dates in 2019, 274 “Issue items” are listed (including singles, blocks, sets, souvenir sheets, etc., etc. making the 274 count a very conservative count.)

- **Hint 7: Overprints of high value used on low value (legal) stamps.** For this category I again refer to the “Russian Republics” overprints. Note, in the Chechnya stamps previously shown, the base stamp is a 1k legal stamp of Russia. The 10k worth of stamps has thus been overprinted to 2500k face value or 250 times the value of the base stamps!

- **Hint 8: Issues integral pricing is in values unrelated to the current postal rates in the country to which they are attributed.** A brief look in Scott’s shows that the new values on the Chechnyan overprints shown previously have no relation to the then current postage rates seen on legal Russian stamps. A single example is sufficient to indicate the scope of this problem and the totally arbitrary nature of price assignment to many illegal issues. In 2020 a set of four stamps and varieties of them was issued under the name Djibouti (Sc#2322-2325).



• **Hint 9: Issue sale pricing is arbitrary.** The “stamps” shown above are priced at 250df (Djibouti franc) each (the SSs have 2 ‘Stamps’ each = 500df each). However, a stamp commemorating M. Ghandi from Djibouti which does not have the general characteristics of an illegal is franked at 100fd or 40% of the cost of the mushroom ‘stamps’ shown.

The current value of the Djiboutian franc (25 Sep 2021) is US\$0.0056. The four individual stamps are valued at 250fd or US\$1.40 each; the price for the set then is US\$5.60 if the values are simply converted. The stamps were also issued as 2 miniature sheets (Sc#2323a [Sc#2322 and 2323 + a label] and Sc#2325a [Sc#2324 and Sc#2325 plus a label]) with each sheet containing 2 of the 4 stamps in the issue as noted. The face value of 500fd equals US\$2.80 for each of the 2 sheets = \$5.60 for both. Also issued were four miniature sheets of 8 stamps, 1 sheet for each of the four stamps. Each sheet has a face value of US\$11.20 = US\$44.80 for the set of 4. Thus far in the discussion the value on the market is consistent with the rate of exchange. “Completeness of this issue in perforated form will cost a mere US\$56.

Sale prices for the perforated items (using € = US\$1.17 on 25 SEP 2021) as advertised on the Stampera.eu website were almost identical to the face value of the “stamps”: a total of \$56.17 for the same items discussed above. (Note that there is only a \$0.17 markup over face - a minimal profit margin that no dealer could ever survive.)

Further, all of these items were issued imperforate and “FDC”s were prepared for both formats.

The imperforate items are priced (again Stampera.com) at €15 (USD17.55), for the set of 4 stamps, €7.50 each for the 2 SSs (another US\$17.55) and the MSs are priced at €120 (US\$140.40) for the set. The “FDC”s are priced as: singles perforated - €7.30 (US\$8.55), and imperforate - €17.50 (US\$20.48); SSs perforated (€4.90 ea.; US\$11.47 for both); and the miniature sheets perforated €48.40 (US\$56.63), and, imperforated €130 (US\$152.10). The total outlay for the imperfcs (without postage and handling) is a whopping US\$175.50 and for the FDCs perf and imperf is US\$249.23. These deliberately created imperfcs and FDCs don’t begin to reflect face value being cumulatively approximately 7.5x “face value”. Enough said!

• **Hint 10: Logos of one or multiple organizations (not events) unrelated to fungi and often unrelated to each other.** A prime example of this type of overprinting is found on St. Vincent Sc#867 - overprints for “The flight of the Comet” with a map, another reading “Halley Comet / Concord flight April 13 1986”, another logo with the words ‘International Halley Watch’ (all rubber stamped in black ink); and, a final “1835 • Mark Twain • 1910 • Halley’s Comet • 1985” (apparently thermographically printed in copper ink).

• **Hint 11: Artwork of the vignette appears to have been “borrowed” from the internet, without attribution, and probably without compensation to the original photographer.** You judge:



<https://educalingo.com/en/dic-ru/gor-kushka>

?=>

Lesotho 2018

• **Hint 12: Issues are composed of eight units:** a miniature sheet with four stamps, a miniature sheet with two stamps (or two miniature sheets with three stamps each) accompanied by six souvenir sheets each of which repeats one of the six stamps in the original 2 miniature sheets.

• **Hint 13:** Several other indicators of illegality are also seen less frequently. **One somewhat infrequent mistake is the use of the completely wrong currency.**

**These hints ARE NOT RULES.** More accurately, they are starting points in the investigation of the legality of an issue not reported as illegal, but having characteristics which make it suspect. Clearly, the more of these hints presented above which fit an issue, the more likely the issue is to be an undeclared illegal. Even without the formal declaration of illegality implied in UPU *Circular* #15 of 14 JAN 2000 the Chechnya issue shown in Hint# 2 would be suspect since it also fits Hints #7 & 8.

## References:

- Anon. 2021. [Djibouti stamps for sale.] Accessed at: [https://stampera.eu/product-type/stamps?attribute\\_6%5B%5D=Mushrooms&page=1&attribute\\_4%5B%5D=DJIBOUTI](https://stampera.eu/product-type/stamps?attribute_6%5B%5D=Mushrooms&page=1&attribute_4%5B%5D=DJIBOUTI). Accessed on 24 Sept. 2021.
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- Philatelic Webmasters Organization. UPU Circulars issued concerning illegal/illicit/problem stamp issues (2003-1996) - Updated: 8 December 2003. 8 p. Accessed at: <https://www.pwmo.org/Illegals/UPU-Circular-1996-2003.pdf>. Accessed on: 1 Dec. 2020.
- Universal Postal Union. 2005-2020. [Cited are multiple UPU Circulars signed by either K.J.S. McKeown (2005 & 2009), Murray Buchanan (2015) or Jean-Alexandre Ducrest (2020).] All were accessed at: <https://www.upu.int/en/Universal-Postal-Union/Activities/Philately-IRCs/Philatelic-circulars> Accessed on: 16 Mar. 2021.
- Extensive searches of several websites were used to create my current database of fungus related stamps including (alphabetically):
- <https://www.avionstamps.com/>  
<https://colnect.com/en/stamps/catalog>  
[https://www.delcampe.net/en\\_GB/collectables/stamps/](https://www.delcampe.net/en_GB/collectables/stamps/)  
<http://djibouti.post-stamps.com/>  
<http://golowesstamps.com/>  
<https://www.hipstamp.com/>  
<http://niger.post-stamps.com/>  
<https://stamperija.eu/product-type/stamps>  
<https://topnimarka.com/akcii>  
<https://www.wnsstamps.post/en/Stamps-Search>





## MAMMALIA

Editor  
Michael Prince, LM 68



### New Issues

Scott #	Denom.	Common name/Scientific name	Family name	Code
<b>ANTIGUA</b> <b>2020 December 21</b> (Sea Otters)				
3595a	\$5.50	Sea Otter, <i>Enhydra lutris</i>	Set/4, SS/1 Mustelidae	A MS Z
3595b	\$5.50	Same species	Mustelidae	A MS Z
3595c	\$5.50	Same species	Mustelidae	A MS Z
3595d	\$5.50	Same species	Mustelidae	A MS Z
3596	\$14.00	Sea Otter, <i>Enhydra lutris</i>	Mustelidae	A SS Z
<b>2020 December 21</b> (Manatees)				
3599a	\$5.00	West Indian Manatee, <i>Trichechus manatus</i>	Set/3. S/1 Trichechidae	A MS
3599b	\$5.00	Same species	Trichechidae	A MS
3599c	\$6.00	Same species	Trichechidae	A MS
3600	\$12.00	West Indian Manatee, <i>Trichechus manatus</i>	Trichechidae	A SS
<b>BOSNIA &amp; HERZEGOVINA – Serb Administration</b> <b>2021 April 15</b> (Europa)				
658	2.70m	Eurasian Harvest Mouse, <i>Micromys minutus</i>	Set/2 Muridae	A
<b>BULGARIA</b> <b>2021 May 31</b> (Europa)				
4972	1.10l	European Pine Marten, <i>Martes martes</i>	Set/2, SS/2 Mustelidae	A
4973	2.30l	Marbled Polecat, <i>Vormela peregusna</i>	Mustelidae	A
4973a	Souvenir sheet of 2 #4972-73			
4974	Booklet pane of 3			
4974a	1.10l	European Pine Marten, <i>Martes martes</i> (imperf L and bottom)	Mustelidae	A
4974b	1.10l	Same species, (imperf bottom)	Mustelidae	A
4974c	1.10l	Same species, (imperf L and top)	Musstelidae	A
4975	Booklet pane of 3			
4975a	2.30l	Marbled Polecat, <i>Vormela peregusna</i> (imperf at bottom)	Mustelidae	A
4975b	2.30l	Same species, (imperf at R and bottom)	Mustelidae	A
4975c	2.30l	Same species, (imperf at R and top)	Mustelidae	A
<b>CROATIA</b> <b>2021 March 22</b> (Marine Life)				
1215	3.30k	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Set/3 Delphinidae	A
1215a	Booklet pane of 10			
<b>2021 May 7</b> (Europa)				
1224	15k	Eurasian Lynx, <i>Lynx lynx</i>	Set/2 Felidae	A
<b>DJIBOUTI</b> <b>2020 March 13</b> (Dolphins)				
2091	250fr	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Set/4, SS/1 Delphinidae	A
2092	250fr	Pantropical Spotted Dolphin, <i>Stenella attenuata</i>	Delphinidae	A
2093	250fr	Commerson’s Dolphin, <i>Cephalorhynchus commersonii</i>	Delphinidae	A
2094	250fr	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae	A
2094a	Souvenir sheet of 4 #20911-94			A SS
2095	1000fr	Amazon River Dolphin, <i>Inia geoffrensis</i>	Iniidae	A SS Z

**DJIBOUTI (continued)****2020 June 12** (WWF Nature Stamps of Various Countries) MS/9, SS/18

2104a	200fr	Tiger, <i>Panthera tigris</i>	Laos #519, s-o-s	Felidae	A
2104b	200fr	Pygmy Hippopotamus, <i>Hexaprotodon liberiensis</i>	Liberia #1009, s-o-s	Hippopotamidae	A
2104d	200fr	Arabian Sand Gazelle, <i>Gazella subgutturosa marica</i>	Libya #1326, s-o-s	Bovidae	A
2104f	200fr	Sun Bear, <i>Helarctos malayanus</i>	Laos #1174, s-o-s	Ursidae	A
2104g	200fr	Fat Dormouse, <i>Myoxus glis</i>	Latvia #381, s-o-s	Gliridae	A
2104h	200fr	European Bison, <i>Bison bonasus</i>	Lithuania #529, s-o-s	Bovidae,	A
2104i	200fr	African Wildcat, <i>Felis lybica</i>	Libya #1594a, s-o-s	Felidae	A
2105b	200fr	Liberian Mongoose, <i>Liberiictis kuhni</i>	Liberia #1321b, s-o-s	Herpestidae	A
2105e	200fr	Ogilby's Duiker, <i>Cephalophus ogilbyi</i>	Liberia #2370c, s-o-s	Bovidae	A
2105f	200fr	White-handed Gibbon, <i>Hylobates lar</i>	Laos #1719, s-o-s	Hylobatidae	A
2105g	200fr	Western Barbastelle, <i>Barbastella barbastellus</i>	Latvia #703, s-o-s	Vespertilionidae	A
2105h	200fr	Ruppell's Fox, <i>Vulpes ruppellii</i>	Libya #1718, s-o-s	Canidae	A
2106	300fr	Tiger, <i>Panthera tigris</i>	Laos #520, s-o-s	Felidae	A
2107	300fr	Sun Bear, <i>Helarctos malayanus</i>	Laos #1177, s-o-s	Ursidae	A
2109	300fr	White-handed Gibbon, <i>Hylobates lar</i>	Laos #1722, s-o-s	Hylobatidae	A
2110	300fr	Fat Dormouse, <i>Myoxus glis</i>	Latvia #384, s-o-s	Gliridae	A
2111	300fr	Western Barbastelle, <i>Barbastella barbastellus</i>	Latvia #706, s-o-s	Vespertilionidae	A
2115	300fr	Pygmy Hippopotamus, <i>Hexaprotodon liberiensis</i>	Liberia #1110, s-o-s	Hippopotamidae	A
2116	300fr	Liberian Mongoose, <i>Liberiictis kuhni</i>	Liberia #1321d, s-o-s	Herpestidae	A
2117	300fr	Jentink's Duiker, <i>Cephalophus jentinki</i>	Liberia 2370a, s-o-s	Bovidae	A
2118	300fr	Arabian Sand Gazelle, <i>Gazella subgutturosa marica</i>	Libya #1328, s-o-s	Bovidae	A
2119	300fr	African Wildcat, <i>Felis lybica</i>	Libya #1594d, s-o-s	Felidae	A
2120	300fr	Ruppell's Fox, <i>Vulpes ruppellii</i>	Libya #1717, s-o-s	Canidae	A
2122	300fr	European Bison, <i>Bison bonasus</i>	Lithuania #530, s-o-s	Bovidae	A

**2020 November 25** (Elephants) Set/4, SS/1

2234a	250fr	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A
2234b	250fr	Same species	Elephantidae	A
2234c	250fr	Same species	Elephantidae	A
2234d	250fr	Same species	Elephantidae	A
2243	1000fr	African Forest Elephant, <i>Loxodonta cyclotis</i>	Elephantidae	A SS
		Margin: African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A SS Z

**2020 November 25** (Pandas) Set/4, SS/1

2235a	250fr	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A
2235b	250fr	Red Panda, <i>Ailurus fulgens</i>	Ailuridae	A
2235c	250fr	Same species	Ailuridae	A
2235d	250fr	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A
2244	1000fr	Same species	Ursidae	A SS
		Margin: Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A SS Z
		Red Panda, <i>Ailurus fulgens</i>	Ailuridae	A SS Z

**2020 November 25** (Lions)

			Set/4, SS/1	
2236a	250fr	Southwest African Lion, <i>Panthera leo bleyenberghi</i>	Felidae	A
2236b	250fr	Cape Lion, <i>Panthera leo nubica</i>	Felidae	A
2236c	250fr	Transvaal Lion, <i>Panthera leo krugeri</i>	Felidae	A
2236d	250fr	Asiatic Lion, <i>Panthera leo persica</i>	Felidae	A
2245	1000fr	Transvaal Lion, <i>Panthera leo krugeri</i>	Felidae	A SS
		Margin: Asiatic Lion, <i>Panthera leo persica</i>	Felidae	A SS Z

**DJIBOUTI (continued)****2020 November 25 (Whales)**

			Set/4, SS/1	
2237a	250fr	Bowhead Whale, <i>Balaena mysticetus</i>	Balaenidae	A
2237b	250fr	Southern Right Whale, <i>Eubalaena australis</i>	Balaenidae	A
2237c	250fr	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A
2237d	250fr	Blue Whale, <i>Balaenoptera musculus</i>	Balaenopteridae	A
2246	1000fr	Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae	A SS
	Margin:	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A SS Z

**2020 November 25 (Endangered Animals) Set/4, SS/1**

2240a	250fr	Amur Leopard, <i>Panthera pardus orientalis</i>	Felidae	A
2240b	250fr	Asian Elephant, <i>Elephas maximus</i>	Elephantidae	A
2240c	250fr	Sumatran Orangutan, <i>Pongo abelii</i>	Hominidae	A
2240d	250fr	African Wild Dog, <i>Lycaon pictus</i>	Canidae	A
2249	1000fr	Western Gorilla, <i>Gorilla gorilla gorilla</i>	Hominidae	A SS
	Margin:	Blue Whale, <i>Balaenoptera musculus</i>	Balaenopteridae	A SS Z
		Black Rhinoceros, <i>Diceros bicornis</i>	Rhinocerotidae	A SS Z
		Sri Lankan Elephant, <i>Elephas maximus maximus</i>	Elephantidae	A SS Z

**2020 December 30 (Giraffes)**

			Set/4, SS/2	
2302	250fr	Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae	A
2303	250fr	Same species	Giraffidae	A
2303a	Souvenir sheet of 2 #2302-03 + label			
2304	250fr	Same species	Giraffidae	A
2305	250fr	Same species	Giraffidae	A
2305a	Souvenir sheet of 2 #2304-05 + label			

**2020 December 30 (Wild Cats)**

			Set/4, SS/2	
2306	250fr	Lion, <i>Panthera leo</i>	Felidae	A
2307	250fr	Tiger, <i>Panthera tigris</i>	Felidae	A
2307a	Souvenir sheet of 2 #2306-07 + label			
2308	250fr	Cheetah, <i>Acinonyx jubatus</i>	Felidae	A
2309	250fr	Eurasian Lynx, <i>Lynx lynx</i>	Felidae	A
2309a	Souvenir sheet of 2 #2308-09 + label			

**2021 May 20 (Wild Cats) Set/4, SS/1**

2445a	250fr	Lion, <i>Panthera leo</i>	Felidae	A
2445b	250fr	Eurasian Lynx, <i>Lynx lynx</i>	Felidae	A
2445c	250fr	Tiger, <i>Panthera tigris</i>	Felidae	A
2445d	250fr	Jaguar, <i>Panthera onca</i>	Felidae	A
2454	1000fr	Eurasian Lynx, <i>Lynx lynx</i>	Felidae	A SS
	Margin:	Puma, <i>Puma concolor</i>	Felidae	A SS Z

**2021 May 20 (Dolphins) Set/4, SS/1**

2446a	250fr	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A
2446b	250fr	Same species	Delphinidae	A
2446c	250fr	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae	A
2446d	250fr	Striped Dolphin, <i>Stenella coeruleoalba</i>	Delphinidae	A
2455	1000fr	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A SS
	Margin:	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A SS Z

**GERMANY****2021 June 10 (Juvenile Animals)**

			Set/2	
3217	60c	Black-bellied Hamster, <i>Cricetus cricetus</i>	Muridae	A
3218	95c	Alpine Ibex, <i>Capra ibex</i>	Bovidae	A



<b>GIBRALTAR</b>		<b>2020 November 20</b> (Barbary Macaques)		Set/4	
1780	30p	Barbary Macaque, <i>Macaca sylvanus</i>	Cercopithecidae		A
1781	90p	Same species	Cercopithecidae		A
1782	£1.00	Same species	Cercopithecidae		A
1782	£4.00	Same species	Cercopithecidae		A
		<b>2021 February 5</b> (Barbary Macaques - Europa)		Set/2, SS/2	
1785	£1.96	Barbary Macaque, <i>Macaca sylvanus</i>	Cercopithecidae		A
1786	£3.16	Same species	Cercopithecidae		A
1786a Souvenir sheet of 2 #1785-86					
<b>LIBERIA</b>		<b>2021 February 1</b> (Extinct Species)		Set/4, SS/1	
3516a	\$300	†Thylacine, † <i>Thylacinus cynocephalus</i>	†Thylacinidae		A
<b>LIECHTENSTEIN</b>		<b>2020 March 1</b> (Europa)		Set/2	
1843		Pair			
1834b	150rp	Least Weasel, <i>Mustela nivalis</i>	Mustelidae		A
<b>LITHUANIA</b>		<b>2021 April 23</b> (Europa)		Set/2	
1183	75c	Grey Seal, <i>Halichoerus grypus</i>	Phocidae		A
1184	75c	Eurasian Lynx, <i>Lynx lynx</i>	Felidae		A
<b>LUXEMBOURG</b>		<b>2021 May 11</b> (Europa)		Set/2	
1567	80c	Greater Mouse-eared Bat, <i>Myotis myotis</i>	Vespertilionidae		A
1568	€1.05	European Polecat, <i>Mustela putorius</i>	Mustelidae		A
<b>MARSHALL ISLANDS</b>		<b>2020 November 2</b> (Antarctic Wildlife)		MS/6, SS/1	
1283		Sheet of 6			
1283b	\$1.50	Antarctic Minke Whale, <i>Balaenoptera bonaerensis</i>	Balaenopteridae		A MS
1283c	\$1.50	Southern Elephant Seal, <i>Mirounga leonina</i>	Phocidae		A MS
1283d	\$1.50	Leopard Seal, <i>Hydrurga leptonyx</i>	Phocidae		A MS
<b>OMAN</b>		<b>2014 December 14</b> (Wildlife)		Set/3	
566		Sheet of 3			
566a	100b	Arabian Gazelle, <i>Gazella arabica</i>	Bovidae NEW		A
566b	150b	Same species	Bovidae		A
566c	200b	Same species	Bovidae		A
<b>POLAND</b>		<b>2021 April 21</b> (Europa)		Single	
4540	3.30z	Eurasian Lynx, <i>Lynx lynx</i>	Felidae		A
<b>UNITED NATIONS</b>					
<b>New York</b>		<b>2021 April 7</b> (Endangered Species)		Set/4	
1265	\$1.20	Waigeo Cuscus, <i>Spilocuscus papuensis</i>	Phalangeridae	NEW	A
<b>Geneva</b>		<b>2021 April 7</b> (Endangered Species)		Set/4	
694	1.50fr	Golden-headed Lion Tamarin, <i>Leontopithecus chrysomelas</i>	Cebidae		A
695	1.50fr	Greater Bilby, <i>Macrotis lagotis</i>	Peramelidae		A
696	1.50fr	Ring-tailed Lemur, <i>Lemur catta</i>	Lemuridae		A
<b>Vienna</b>		<b>2021 April 7</b> (Endangered Species)		Set/4	
671	90c	Buru Babirusa, <i>Babyrussa babyrussa</i>	Suidae		A
672	90c	Bridled Nail-tailed Wallaby, <i>Onychogalea fraenata</i>	Macropodidae		A



## ORNITHOLOGY

Editor

Glenn G. Mertz, BU 1455



### Corrections/Updates

Scott Publishing has assigned numbers for the following issues as well as other updates.

#### CAPE VERDE, V62(4), p277

Update: A SS as part of a 2012 issue of Sc#984-989, was listed as part of the set but no Sc# was listed or written up. The Sc#990, and the value of the stamp is \$100 and the birds on the stamp are Fea's Petrel, *Pterodroma feae*, family of Procellariidae.

#### DJIBOUTI, V70(1), page 41

Update: Correct issue date should be 2/27/2020.

2/27/2020 (NZ 2020 International Stamp Exhibition) (Set/4=Sc#1916d-a & SS/1=Sc1917 \*

\*Not listed, 1000fd, SS, N. Island Brown Kiwi, *Apteryx mantelli*, Fam: Apterygidae

6/12/2020 V70(3), p.205 (Owls) (Set/4=2127a-d, (SS/1=Sc2132)

7/27/2020 V70(3)p,205 (Raptors) (Set/4=Sc#2211a-d) (SS/1=Sc#2222)

7/27/2020 V70(3),p.205 (Flying Dinosaurs) (Set/4=Sc2201a-d) SS/1=Sc#2207)

7/27/2020 V70(3),p205-206 (Bee-eaters) (Set/4=Sc#2210a-d) (SS/1=Sc#2221)

7/27/2020 V70(3), p206 (Warblers) (Set/4=Sc#2209a-d) (SS/1=Sc#2220

11/25/2020 V70(3), p206 (Extinct Species) (Set/4=Sc#2288) (SS/1=Sc#2291)

11/25/2020 V70(3), p206 (Aquatic Birds) (Set/4=Sc#2238a-d) (SS/1=Sc#2247)

11/25/2020 V70(3), p206 (Kingfishers) (Set/4=Sc#2239a-d) (SS/1=Sc#2248)

12/30/2020 V70(3),p206 (Owls) (Set/4=Sc#2312,13,10,11) (SS/1=Sc#2313a, 2312a)

12/30/2020 V70(3), p207 (Owl) SS/1=Sc#2311a (Barn Owl missing-Sc#2310a)

3/1/2021 V70(3), p207 (Raptors) (Set/4=Sc#2395-2398) (SS/1=Sc#2399)

3/1/2021 V70(3), p207( Parakeets) (Set/4=Sc#2400-2403) (SS/1=Sc#2404)

5/20/2021 70(3),p207 (Bee-eaters) (Set/4=Sc#2447a-d) SS/1=Sc#2456)

5/20/2021 V70(3).[207 (Lighthouses) (Set/4=Sc#2453a\*d) (SS/1=Sc#2462)

5/20/2021 V70(3) (Pigeons) (Set/4=Sc#2448a-d) (SS/1=Sc#2457)

The last five update listing should have had the the year 2021 when listed in V70(3)

#### MALDIVE ISLANDS, V70(2), p124

Update: V70(2), p124

Issued date 7/23/20-After listing of Broad-billed Parrot, denote V69((3)

V67(4), p307

Correction: I originally listed a White-eared Catbird, *Ailuroedus buccoides* in V67(4). Chuck Braun, under Birds in the Aviary, listed it as a Tan-capped Catbird, *Ailuroedus geislerorum*, that was elevated to a full species. See Braun's write up in V67(4), page 314.

#### NIGER, V68(4)

Update: On a SS, for the 205th Anniversary for Alexander Wilson, were six unidentified birds, three on either side of his head. The bird on the LR of the three has been identified as a Mourning Warbler, *Geothlypis philadelphia*, family of Parulidae.

**PHILIPPINES, V69(3), p180**

Update: The sheet of four Philippine birds written up in V69(3), Sc#3834a-d, had a bird in the surrounds on the left side of the sheet. The bird is a Chestnut-faced Babbler, *Zosterornis whiteheadi*, in family of Zosteropidae. Chuck Braun listed this species as new to the aviary in V69(1) on page 53

**SURINAME, V69(3), p181**

Correction: Sc#1583 was listed as Yellow-hooded Blackbird, *Chrysomus icterocephalus*; As this is a ssp, as note by Chuck Braun in V69(1) on page 55, it should have been listed as *Chrysomus icterocephalus icterocephalus* (ssp). He also listed the date as 2019, December 27, but the correct issue date is 7/29/2019

**New Issues**

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>AUSTRALIA</b>				
		<b>2021 May 18</b> (Migratory Shorebirds)	Set/3, SS/3	A*
5296	\$1.10	Bar-tailed Godwit, <i>Limosa lapponica</i>	Scolopacidae	
5299	\$1.10	Same species, booklet SA		
5297	\$1.10	Great Knot, <i>Calidris tenuirostris</i>	Scolopacidae	
5300	\$1.10	Same species, booklet SA		
5298	\$1.10	Far Eastern Curlew, <i>Numenius madagascarensis</i>	Scolopacidae	
5301	\$1.10	Same species, booklet SA		
5298a	SS of 3, Sc#5296-5298			
<b>BOSNIA &amp; HERZEGOVINA</b>				
		<b>2020 March 27</b> (Peafowl)	SS/1	A*
830	2,00m	Indian Peafowl, <i>Pavo cristatus</i>	Phasianidae	
<b>BOSNIA &amp; HERZEGOVINA (Croat Admin.)</b>				
		<b>2020 December 16</b> (Beethoven 250y)	Vert. pair B*	
423a	4,00m	Barn Swallow, <i>Hirundo rustica</i>	Hirundinidae	
423b	4,00m	European Robin, <i>Erithacus rubecula</i>	Muscicapidae	
<b>BULGARIA</b>				
		<b>2020 July 20</b> (Bulgarian Polar Reserach 50y)	Set/2	B*
4940b	2,30l	Chinstrap Penguin, <i>Pygoscelis antarcticus</i>	Spheniscidae	
<b>BURUNDI</b>				
		<b>2015</b>	Set/4	A*
N/A	3640r	European Roller, <i>Coracias garrulus</i>	Coraciidae	
N/A	3640r	Rufous-tailed Rock-Thrush, <i>Monticola saxatilis</i>	Turdidae	
N/A	3640r	Blue-cheeked Bee-eater, <i>Merops persicus</i>	Meropidae	
N/A	3640r	Eurasian Golden Oriole, <i>Oriolus oriolus</i>	Oriolidsecc	
<b>CENTRAL AFRICAN REPUBLIC</b>				
		<b>2019 December 21</b> (Hornbills)	Set/44, SS/1	A*
		<b>V69(2), p123</b>		
N/A	900fr	Sulawesi Hornbill, <i>Rhabdotorrhinus exarhatus</i>	Bucerotidae V69(2)	
N/A	900fr	Wreathed Hornbill, <i>Rhyticeros undulatus</i>	Bucerotidae	
N/A	900fr	Writhed Hornbill, <i>Rhabdotorrhinus leucocephalus</i> (Stamp has genus of <i>Aceros</i> )	Bucerotidae V69(2)	
N/A	900fr	Silvery-cheeked Hornbill, <i>Bycanistes brevis</i>	Bucerotidae	
N/A	3600fr SS	Southern Ground-Hornbill, <i>Bucorvus leadbeateri</i>	Bucorvidae	
	In margin:	Knobbed Hornbill, <i>Rhyticeros cassidix</i>	Bucerotidae	
		<b>2020 July 24</b> (Dzanga-Ndoki National Park, 30y)	SS/1	A*
N/A	3300fr SS	Forest Robin, <i>Stiphornis erythrothorax</i> (UR)	Muscicapidae	
		Verreaux's Batis, <i>Batis minima</i> (LL) V70(1)	Platysteiridae	
		Blue-breasted Kingfisher, <i>Halcyon malimbica</i> (LR)	Alcedinidae	



**CENTRAL AFRICAN REP. (continued)**

<b>2021 July 30 (Parakeets)</b>			Set/4, SS/1	A*
N/A	900fr	Pohnpei Lorikeet, <i>Trichoglossus rubiginosus</i>	Psittaculidae	
N/A	900fr	Chattering Lory, <i>Lorius garrulus flavopalliatu</i> s (ssp)	Psittaculidae	
N/A	900fr	Yellow-bibbed Lory, <i>Lorius chlorocercus</i>	Psittaculidae	
N/A	900fr	Marigold Lorikeet, <i>Trichoglossus capistratus</i> V70(4)	Psittaculidae	
N/A	3600fr	SS Coconut Lorikeet, <i>Trichoglossus haematodus massena</i> (ssp)	Psittaculidae	
	In margin:	Papuan Lorikeet, <i>Chamosyna papou</i> (RS)	Psittaculidae	
		Black Lory, <i>Chalcopsitta atra</i> (LL) V70(4)	Psittaculidae	
<b>2021 July 30 (Raptors)</b>			Set/4, SS/1	A*
N/A	850fr	Little Eagle, <i>Hieraaetus morphnoides</i>	Accipitridae	
N/A	850fr	White-tailed Eagle, <i>Haliaeetus albicilla</i>	Accipitridae	
N/A	850fr	Brahminy Whistling Kite, <i>Haliastur indus</i>	Accipitridae	
N/A	850fr	Wedge-tailed Eagle, <i>Aquila audax</i>	Accipitridae	
N/A	3300fr	SS Black-breasted Kite, <i>Hamirostra melanosternon</i>	Accipitridae	
	In margin:	Black-shouldered Kite, <i>Elanus axillaris</i> (RS)	Accipitridae	
		Brown Goshawk, <i>Accipiter fasciatus</i> (LL)	Accipitridae	
<b>2021 July 30 (Woodpeckers)</b>			Set/4, SS/1	A*
N/A	900fr	Greater Yellownape, <i>Chrysophlegma flavinucha</i>	Picidae	
N/A	900fr	Sulawesi Woodpecker, <i>Yungipicus temminckii</i> V70(4)	Picidae	
		(Stamp has genus of <i>Dendrocopos</i> )		
N/A	900fr	Sunda Woodpecker, <i>Yungipicus moluccensis</i> V70(4)	Picidae	
		(Stamp has genus of <i>Dendrocopos</i> )		
N/A	900fr	Great Spotted Woodpecker, <i>Dendrocopos major</i>	Picidae	
N/A	3600fr	SS Yellow-faced Flameback, <i>Chrysocolaptes xanthocephalus</i>	Picidae V70(4)	
	In margin:	White-backed Woodpecker, <i>Dendrocopos leucotos</i> (RS)	Picidae	
		Gray-capped Woodpecker, <i>Yungipicus canicapilus</i> (LL)	Picidae V70(4)	
<b>2021 July 30 (Swallows)</b>			Set/4, SS/1	A*
N/A	850fr	Southern Martin, <i>Progne elegans</i> V70(4)	Hirundinidae	
N/A	850fr	Red-rumped Swallow, <i>Cecropis daurica</i>	Hirundinidae	
N/A	850fr	Sri Lanka Swallow, <i>Cecropis hyperythra</i> V70(4)	Hirundinidae	
N/A	850fr	White-thighed Swallow, <i>Atticora tibialis</i>	Hirundinidae	
N/A	3300fr	SS Cliff Swallow, <i>Petrochelidon pyrrhonota</i>	Hirundinidae	
	In margin:	Red-rumped Swallow, <i>Cecropis daurica</i> (RS)	Hirundinidae	
		White-backed Swallow, <i>Cheramoeca leucosterna</i> (LL)	Hirundinidae	

**CROATIA****2021 May 7 (Europa) Set/2**

A\*

1224	3.30k	Western Capercaillie, <i>Tetrao urogallus</i>	Phasianidae
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**DJIBOUTI****2014**

A\*

**V69(1), p39**

Unable to locate this sheet of 2014 on any bird websites anymore, but Djibouti issued a stamp for this species listed below; it was a ssp of Blue-Crowned Racquet-tail, *Prioniturus discurus* that was elevated to full species. A copy of the stamp was shown on New Birds In the Aviary by Chuck Braun.

N/A	300fr	Mindoro Racquet-tail, <i>Prioniturus mindorensis</i>	Psittaculidae	
<b>2021 August 30 (Kingfishers)</b>			Set/3, SS/1	A*
N/A	330fr	Ruddy Kingfisher, <i>Halcyon coromanda</i>	Alcedinidae	
N/A	330fr	Brown-hooded Kingfisher, <i>Halcyon albiventris</i>	Alcedinidae	
N/A	330fr	Sacred Kingfisher, <i>Todiramphus sanctus</i>	Alcedinidae	
	In margin:	Forest Kingfisher, <i>Todiramphus macleayii</i>	Alcedinidae	

**DJIBOUTI (continued)**

		White-throated Kingfisher, <i>Halcyon smyrnensis</i>	Alcedinidae	
N/A	1000fr	SS Pied Kingfisher, <i>Ceryle rudis</i>	Alcedinidae	
	In margin:	Stork-billed Kingfisher, <i>Pelargopsis capensis</i> (UR)	Alcedinidae	
		Common Kingfisher, <i>Alcedo atthis</i> (LS0)	Alcedinidae	
		<b>2021 August 30</b> (Owls)	Set/3, SS/1	A*
N/A	330fr	Eurasian Pygmy-Owl, <i>Glaucidium passerinum</i>	Strigidae	
N/A	330fr	Great Gray Owl, <i>Strix nebulosa</i>	Strigidae	
N/A	330fr	Little Owl, <i>Athene noctua</i>	Strigidae	
	In margin:	Great Horned Owl, <i>Bubo virginianus</i>	Strigidae	
		Boreal Owl, <i>Aegolius funereus</i>	Strigidae	
N/A	1000fr	SS Eurasian Scops-Owl, <i>Otus scops</i>	Strigidae	
	In margin:	Spotted Owl, <i>Strix occidentalis</i> (UL)	Strigidae	
		Collared Owlet, <i>Taenioptynx brodiei</i> (UR)	Strigidae	

<b>ESTONIA</b>		<b>2021 April 29</b> (Estonian Ornithological Society, 100y)	Set/2	A*
948a	€1.90	Common Starling, <i>Sturnus vulgaris</i>	Sturnidae	
948b	€1.90	Barn Swallow, <i>Hirundo rustica</i>	Hirundinidae	
		Eurasian Tree Sparrow, <i>Passer montanus</i>	Passeride	
		<b>2021 May 6</b> (Europa)	Set/2	A*
949	€1.90	Eurasian Hoopoe, <i>Upupa epops</i>	Upupidae	

<b>FAROE ISLANDS</b>		<b>2021 April 26</b>	Set/2	A*
786	17k	Atlantic Puffin, <i>Fratercula arctica</i>	Alcidae	
787	27k	Same species		

<b>GUINEA</b>		<b>2020 October 26</b> (Extinct Animals)		A*
N/A	15,000fr	†Great Auk, † <i>Pinguinus impennis</i>	Alcidae	
		<b>2020 October 26</b> (Audubon 235y)	Set/4	A*
N/A	15,000fr	Ruffed Grouse, <i>Bonasa umbellus</i>	Phasianidae	
N/A	15,000fr	Red-shouldered Hawk, <i>Buteo lineatus</i>	Accipitridae	
N/A	15,000fr	Wild Turkey, <i>Meleagris gallopavo</i>	Phasianidae	
		<b>2020 October 26</b>	Set/3	A*
N/A	20,000fr	African Fish-Eagle, <i>Haliaeetus vocifer</i>	Accipitridae	
		<b>2020 October 26</b> (L'effraie des Clochers)	Set/3	A*
N/A	20,000fr	Barn Owl, <i>Tyto alba</i> (blue)	Tytonidae	
N/A	20,000fr	Same species, in black		
N/A	20,000fr	Same species, in brown		
		<b>2020 October 26</b> (Bee-eaters)	Set/4, SS/1	A*
N/A	15,000fr	Northern Carmine Bee-eater, <i>Merops nubicus</i>	Meropidae	
N/A	15,000fr	Blue-headed Bee-eater, <i>Nyctyornis athertoni</i>	Meropidae	
N/A	15,000fr	Green Bee-eater, <i>Merops orientalis</i>	Meropidae	
N/A	15,000fr	White-throated Bee-eater, <i>Merops albicollis</i>	Meropidae	
N/A	60,000fr	SS Chestnut-headed Bee-eater, <i>Merops leschenaulti</i>	Meropidae	
	In margin:	European Bee-eater, <i>Merops apiaster</i>	Meropidae	
		<b>2020 October 26</b> (Guineafowl)	Set/4, SS/1	A*
N/A	15,000fr	Plumed Guineafowl, <i>Guttera plumifera</i>	Numididae	
N/A	15,000fr	Vulturine Guineafowl, <i>Acryllium vulturinum</i>	Numididae	
N/A	15,000fr	Helmeted Guineafowl, <i>Numida meleagris galeatus</i> (ssp)	Numididae	
N/A	15,000fr	Same species	Numididae	

**GUINEA (continued)**

N/A	60,000fr	SS	Crested Guineafowl, <i>Guttera pucherani</i>	Numidida		
			In margin: Helmeted Guineafowl, <i>Numida meleagris</i>	Numididae		
<b>2020 December 15</b> (Extinct Birds) Set/4, 2xSS/1 A*						
N/A	15,000fr		†Great Auk, † <i>Pinguinus impennis</i>	Alcidae		
N/A	15,000fr		†Mysterious Starling, † <i>Aplonis mavornata</i>	Sturnidae		
N/A	15,000fr		†Great Auk, † <i>Pinguinus impennis</i>	Alcidae		
N/A	15,000fr		†Mysterious Starling, † <i>Aplonis mavornata</i>	Sturnidae		
			In margin: †Passenger Pigeon, † <i>Ectopistes migratorius</i> (UR)	Columbidae		
			†Haast's Eagle, † <i>Hieraaetus moorei</i> (UL)	Accipitridae		
N/A	30,000fr	SS	†Dodo, † <i>Raphus cucullatus</i>	Columbidae		
N/A	30,000fr	SS	†Vermilion Flycatcher, † <i>Pyrocephalus rubinus dubius</i> (ssp)	Tyrannidae	(UL)	
			†Robin Grosbeak, † <i>Carpodacus ferreorostris</i>	Fringillidae		
			†Oahu Akialoa, † <i>Akialoa ellisiana</i> (CTR)	Fringillidae		
<b>2020 December 15</b> (Red-billed Tropicbirds) Set/4, SS/1 A*						
N/A	15,000fr		Red-billed Tropicbird, <i>Phaethon aethereus</i>	Phaethontidae		
Four stamps at 15,000fr each and two at 30,000fr value on the SS.						
<b>2020 December 15</b> (The Osprey) Set/4, SS/1 A*						
N/A	15,000fr		Osprey, <i>Pandion haliaetus</i>	Pandionidae		
The other three stamps feature the same bird, same values						
N/A	30,000fr		Same two stamps and values and also in margin on sheet of 4 & SS.			
<b>2021 February 25</b> (Rockfowl of Guinea) Set/4, SS/1 A*						
N/A	15,000fr		White-necked Rockfowl, <i>Picathartes gymnocephalus</i>	Picathartidae		
N/A	60,000fr	SS	Same species as above			
<b>2021 February 25</b> (The Emerald Starling) Set/4, SS/1 A*						
NA	15,000fr		Emerald Starling, <i>Lamprotornis iris</i>	Sturnidae		
N/A	60,000fr	SS	Same species as above	Sturnidae		
<b>2021 February 25</b> (Owls) Set/4, SS/1 A*						
NA	15,000fr		Northern White-faced Owl, <i>Ptilopsis leucotis</i>	Strigidae		
N/A	15,000fr		Fraser's Eagle-Owl, <i>Bubo poensis</i>	Strigidae		
N/A	15,000fr		African Wood-Owl, <i>Strix woodfordii</i>	Strigidae		
N/A	15,000fr		Pearl-spotted Owlet, <i>Glaucidium perlatum</i>	Strigidae		
N/A	60,000fr	SS	Verreaux's Eagle-Owl, <i>Bubo lacteus</i>	Strigidae		
			In margin: Barn Owl, <i>Tyto alba</i>	Tytonidae		
<b>2021 February 25</b> (Kingfishers) Set/4 SS/1 A*						
NA	15,000fr		African Pygmy-Kingfisher, <i>Ispidina picta</i>	Alcedinidae		
N/A	15,000fr		Gray-headed Kingfisher, <i>Halcyon leucocephala</i>	Alcedinidae		
N/A	15,000fr		Woodlands Kingfisher, <i>Halcyon senegalensis</i>	Alcedinidae		
N/A	15,000fr		Blue-breasted Kingfisher, <i>Halcyon malimbica</i>	Alcedinidae		
N/A	60,000fr	SS	Malachite Kingfisher, <i>Corythornis cristatus</i>	Alcedinidae		
			In margin: Giant Kingfisher, <i>Megaceryle maxima</i>	Alcedinidae		
<b>2021 February 25</b> (Lighthouses) Set/4, SS/1 A*						
N/A	15,000fr		Great Black-backed Gull, <i>Larus marinus</i>	Laridae		
N/A	15,000fr		Common Murre, <i>Uria aalge</i>	Alcidae		
N/A	60,000fr	SS	Black-tailed Gull, <i>Larus crassirostris</i>	Laridae		
			In margin: Parasitic Jaeger, <i>Stercorarius parasiticus</i>	Stercorariidae		



**GUINEA (continued)**

				<b>2021 April 30 (Chicks) Set/4, SS/1</b>	<b>A*</b>
N/A	15,000fr	Red-billed Tropicbird, <i>Phaethon aethereus</i>	Phaethontidae		
N/A	15,000fr	Greater Whitethroat, <i>Sylvia communis</i>	Sylviidae		
N/A	15,000fr	Eurasian Blue Tit, <i>Cyanistes caeruleus</i>	Paridae		
N/A	15,000fr	Western Capercaillie, <i>Tetrao urogallus</i>	Phasianidae		
N/A	60,000fr	Northern Gannet, <i>Morus bassanus</i>	Sulidae		
		In margin: Black-rumped Magpie, <i>Pica bottanensis</i> New	Corvidae		
				<b>2021 April 30 (Caged Birds) Set/4, SS/1</b>	<b>A*</b>
N/A	15,000fr	Bohemian Waxwing, <i>Bombycilla garrulus</i>	Bombycillidae		
N/A	15,000fr	Common Redpoll, <i>Acanthis flammea</i>	Fringillidae		
N/A	15,000fr	Eurasian Siskin, <i>Spinus spinus</i>	Fringillidae		
N/A	15,000fr	White-winged Crossbill, <i>Loxia leucoptera</i>	Fringillidae		
N/A	60,000fr SS	European Greenfinch, <i>Chloris chloris</i>	Fringillidae		
		In margin: Pin-tailed Parrotfinch, <i>Erythrura prasina</i> (UR) New	Estrildidae		
		Eastern Bluebird, <i>Sialia sialis</i> (CR)	Turdidae		
		Indigo Bunting, <i>Passerina cyanea</i> (LL)	Cardinalidae		
		Red-billed Leiothrix, <i>Leiothrix lutea</i> ((UL)	Leiothrichidae		
				<b>2021 April 30 (Finches) Set/4, SS/1</b>	<b>A*</b>
N/A	15,000fr	Common Rosefinch, <i>Carpodacus erythrinus</i>	Fringillidae		
N/A	15,000fr	White-winged Crossbill, <i>Loxia leucoptera</i>	Fringillidae		
N/A	15,000fr	Great Rosefinch, <i>Carpodacus rubicilla</i>	Fringillidae		
N/A	15,000fr	Parrot Crossbill, <i>Loxia pythopsittacus</i> V70(4)	Fringillidae		
N/A	60,000fr SS	Eurasian Bullfinch, <i>Pyrrhula pyrrhula</i>	Fringillidae		
		In margin: Azores Bullfinch, <i>Pyrrhula murina</i> (UR)	Fringillidae		
		Red Crossbill, <i>Loxia curvirostra</i> LL)	Fringillidae		
				<b>2021 June 25 (Raptors) Set/3, SS/1</b>	<b>A*</b>
N/A	20,000fr	Red-footed Falcon, <i>Falco vespertinus</i>	Falconidae		
N/A	20,000fr	Montagu's Harrier, <i>Circus pygargus</i>	Accipitridae		
N/A	20,000fr	White-tailed Eagle, <i>Haliaeetus albicilla</i>	Accipitridae		
N/A	60,000fr SS	Eurasian Marsh-Harrier, <i>Circus aeruginosus</i>	Accipitridae		
		In margin: Greater Spotted Eagle, <i>Clanga clanga</i>	Accipitridae		
				<b>2021 June 25 (Owls) Set/3, SS/1</b>	<b>A*</b>
N/A	20,000fr	Short-eared Owl, <i>Asio flammeus</i>	Strigidae		
N/A	20,000fr	Little Owl, <i>Athene noctua</i>	Strigidae		
N/A	20,000fr	Barn Owl, <i>Tyto alba</i>	Tytonidae		
N/A	60,000fr SS	Long-eared Owl, <i>Asio otus</i>	Strigidae		
		In margin: Snowy Owl, <i>Bubo scandiacus</i>	Strigidae		
				<b>2021 June 25 (Aquatic Birds) Set/3, SS/1</b>	<b>A*</b>
NA	20,000fr	Great Crested Grebe, <i>Podiceps cristatus</i>	Podicipedidae		
N/A	20,000fr	Common Pochard, <i>Aythya ferina</i>	Anatidae		
N/A	20,000fr	Common Loon, <i>Gavia immer</i>	Gaviidae		
N/A	60,000fr SS	Common Shelduck, <i>Tadorna tadorna</i>	Anatidae		
		In margin: Canada Goose, <i>Branta canadensis</i>	Anatidae		
				<b>2021 June 25 (Hummingbirds) Set/3, SS/1</b>	<b>A*</b>
N/A	20,000fr	Black-throated Mango, <i>Anthracothorax nigricollis</i>	Trochilidae		
		Ruby-topaz Hummingbird, <i>Chrysolampis mosquitus</i>	Trochilidae		
N/A	20,000fr	Bronze-tailed Plumeleteer, <i>Chalybura urochrysa</i>	Trochilidae		

**GUINEA (continued)**

N/A	20,000fr	Rufous-webbed Brilliant, <i>Heliodoxa branickii</i>	Trochilidae
N/A	60,000fr SS	Violet-throated Starfrontlet, <i>Coeligena violifer</i> (Also in margin in lower right)	Trochilidae

**GUINEA-BISSAU****2021 March 15 (Owls)**

GUINEA-BISSAU			2021 March 15 (Owls)	Set/4, SS/1	A*
N/A	100fr	Boreal Owl, <i>Aegolius funereus</i>		Strigidae	
N/A	500fr	Long-eared Owl, <i>Asio otus</i>		Strigidae	
N/A	750fr	Short-eared Owl, <i>Asio flammeus</i>		Strigidae	
N/A	1500fr	Tawny Owl, <i>Strix aluco</i>		Strigidae	
N/A	3000fr	SS Powerful Owl, <i>Ninox strenua</i>		Strigidae	
		In margin: Australian Masked-Owl, <i>Tyto novaehollandiae</i> (LS)		Tytonidae	
		Barn Owl, <i>Tyto alba</i> (LR)		Tytonidae	

**2021 March 15 (Owls)**

N/A	100fr	Rufous Owl, <i>Ninox rufa</i>	Strigidae
N/A	500fr	Barking Owl, <i>Ninox connivens</i>	Strigidae
N/A	750fr	Tasmanian Masked-Owl, <i>Ninox novaehollandiae castanops</i> (ssp)	Tytonidae V70(2)
N/A	1500fr	Sooty Owl, <i>Tyto tenebricosa</i>	Tytonidae
N/A	3000fr	SS Barn Owl, <i>Tyto alba</i>	Tytonidae
	In margin:	Southern Boobook, <i>Ninox boobook</i>	Strigidae

**2021 July 12 (Kingfishers)**

N/A	660fr	Half-collared Kingfisher, <i>Alcedo semitorquata</i>	Alcedinidae
N/A	660fr	Blue-banded Kingfisher, <i>Alcedo euryzona</i>	Alcedinidae
N/A	660fr	Sulawesi Dwarf-Kingfisher, <i>Ceyx fallax</i> V70(4)	Alcedinidae
N/A	660fr	Green Kingfisher, <i>Chloroceryle americana</i>	Alcedinidae
N/A	660fr	Brown-winged Kingfisher, <i>Pelargopsis amauroptera</i>	Alcedinidae
N/A	3300fr	SS Common Kingfisher, <i>Alcedo atthis ispida</i> (ssp)	Alcedinidae
	In margin:	Stork-billed Kingfisher, <i>Pelargopsis capensis</i> (UR)	Alcedinidae
		Red-headed Kingfisher, <i>Ceyx tridactyla</i>	Alcedinidae

**2021 July 12 (Raptors)**

N/A	660fr	Gyr Falcon, <i>Falco rusticolus</i>	Falconidae
N/A	660fr	Northern Goshawk, <i>Accipiter gentilis</i>	Accipitridae
N/A	660fr	Eurasian Griffon, <i>Gyps fulvus</i>	Accipitridae
N/A	660fr	Merlin, <i>Falco columbarius</i>	Falconidae
N/A	660fr	Egyptian Vulture, <i>Neophron percnopterus</i>	Accipitridae
N/A	3300fr	SS European Honey-Buzzard, <i>Pernis apivorus</i>	Accipitridae
	In margin:	Greater Spotted Eagle, <i>Clanga clanga</i> (UR)	Accipitridae
		White-tailed Eagle, <i>Haliaeetus albicilla</i> (LS)	Accipitridae

**LIBERIA****2021 February 1 (Cuckoos)**

3510a	\$300	Pallid Cuckoo, <i>Cacomantis pallidus</i>	Cuculidae
3510b	\$300	Coral-billed Ground-Cuckoo, <i>Carpococcyx rennauldi</i>	Cuculidae V70(2)
3510c	\$300	Guira Cuckoo, <i>Guira guira</i>	Cuculidae
3510d	\$300	Himalayan Cuckoo, <i>Cuculus saturatus</i> V70(2)	Cuculidae
3520	\$1200	SS Pied Cuckoo, <i>Clamator jacobinus</i>	Cuculidae

**2021 February 1 (Warblers)**

3511a	\$300	American Redstart, <i>Setophaga ruticilla</i>	Parulidae
3511b	\$300	Prothonotary Warbler, <i>Protonotaria citrea</i>	Parulidae
3511c	\$300	Wilson's Warbler, <i>Cardellina pusilla</i> V70(4)	Parulidae
3511d	\$300	Chestnut-sided Warbler, <i>Setophaga pensylvanica</i>	Parulidae

**LIBERIA (continued)**

3521 \$1200 SS Wood Warbler, *Phylloscopus sibilatrix* Phylloscopidae

**MALAYSIA** **2019 August 22** (Caves) Set/3, SS/1 B\*  
 1837 60c Black-nest Swiftlet, *Aerodramus maximus* V68(4) Apodidae

**MALDIVES ISLANDS** **2020 July 21** (Parrots) Set/4, SS/1 A\*

N/A 20r White-fronted Parrot, *Amazona albifrons* Psittacidae  
 N/A 20r Eastern Rosella, *Platycercus eximius* Psittaculidae  
 Label Rose-breasted Parakeet, *Psittacula alexandri* Psittaculidae  
 N/A 20r Red-crowned Parakeet, *Cyanoramphus novaezelandiae* Psittaculidae  
 N/A 20r Australian King-Parrot, *Alisterus scapularis* Psittaculidae  
 N/A 60r SS Yellow-crested Cockatoo, *Cacatua sulphurea citrinocristata* (ssp) Cacatuidae  
 In margin: Scarlet Macaw, *Ara macao* (below stamp) Psittacidae

**2020 July 21** (Birds of Prey) Set/4, SS/1 A\*  
 N/A 22r Cooper's Hawk, *Accipiter cooperii* Accipitridae  
 N/A 22r Black Vulture, *Coragyps atratus* Cathartidae  
 Label Merlin, *Falco columbarius* Falconidae  
 N/A 22r Oriental Honey-Buzzard, *Pernis ptilorhynchus* Accipitridae  
 N/A 22r Great Gray Owl, *Strix nebulosa* Strigidae  
 N/A 70r SS Southern Caracara, *Caracara plancus* Falconidae  
 In margin: King Vulture, *Sarcoramphus papa* (Below stamp) Cathartidae

**MARSHALL ISLANDS** **2020 October 16** (Geese) Set//5, SS/1 A\*

1274a \$1.50 Pink-footed Goose, *Anser brachyrhynchus* Anatidae  
 1274b \$1.50 Swan Goose, *Anser cygnoides* Anatidae  
 1274c \$1.50 Emperor Goose, *Anser canagicus* V70(1) Anatidae  
 1274d \$1.50 Snow Goose, *Chen caerulescens* Anatidae  
 1274e \$1.50 Canada Goose, *Branta canadensis* Anatidae  
 1275 \$5.00 Graylag Goose, *Anser anser* Anatidae

**2020 November 2** (Antarctic Wildlife) Set/6, SS/1 A\*  
 1283a \$1.50 Chinstrap Penguin, *Pygoscelis antarcticus* Spheniscidae  
 1283r \$1.50 South Polar Skua, *Stercorarius maccormicki* Stercorariidae  
 1283f \$1.50 Snow Petrel, *Pagodroma nivea* Procellariidae  
 In margin: Emperor Penguin, *Aptenodytes forsteri* Spheniscidae  
 1284 \$8.00 Emperor Penguin, *Aptenodytes forsteri* Spheniscidae

**MONGOLIA** **2020 July 8** (Landscapes type of 2018) Set/7 B\*

2947 1300t Dalmatian Pelican, *Pelecanus crispus* Pelecanidae  
 2948 1300t Golden Eagle, *Aquila chrysaetos* Accipitridae

**2020 December 1** (Diplomatic Relations Between Mongolia and Singapore, 50y) Set/2 B\*  
 2963b 1300t Unidentified pheasant, it appears to be an artist conception Phasianidae

**MOZAMBIQUE** **2020 April 15** (Kingfishers) Set/4, SS/1 A\*

N/A 90.50mt Banded Kingfisher, *Lacedo pulchella* Alcedinidae  
 N/A 90.50mt White-throated Kingfisher, *Halcyon smyrnensis* Alcedinidae  
 N/A 90.50mt Ringed Kingfisher, *Megaceryle torquata* Alcedinidae  
 N/A 90.50mt Common Kingfisher, *Alcedo atthis* Alcedinidae  
 N/A 362.00mt SS Blue-eared Kingfisher, *Alcedo meninting* Alcedinidae  
 In margin: Pied Kingfisher, *Ceryle rudis* (2, left side) Alcedinidae  
 Belted Kingfisher, *Megaceryle alcyon* Alcedinidae



**MOZAMBIQUE (continued)**

<b>2020 April 15 (Owls) Set/4, S/1</b>				A*
N/A	90.50mt	Great Horned Owl, <i>Bubo virginianus</i>	Strigidae	
N/A	90.50mt	Snowy Owl, <i>Bubo scandiacus</i>	Strigidae	
N/A	90.50mt	Burrowing Owl, <i>Athene cunicularia</i>	Strigidae	
N/A	90.50mt	Long-eared Owl, <i>Asio otus</i>	Strigidae	
N/A	362.00mt SS	Barn Owl, <i>Tyto alba</i>	Tytonidae	
	In margin:	Tawny Owl, <i>Strix aluco</i>	Strigidae	
<b>2020 April 15 (Extinct Animals) Set/4, SS/1</b>				A*
N/A	90.50mt	†Passenger Pigeon, † <i>Ectopistes migratorius</i>	Columbidae	
N/A	90.50mt	†Great Auk, † <i>Pinguinus impennis</i>	Alcidae	
N/A	362.00mt SS	†Dodo, † <i>Raphus cucullatus</i>	Alcidae	
	In margin:	†Passenger Pigeon, † <i>Ectopistes migratorius</i>	Columbidae	
<b>2020 September 15 (Endangered Animals) Set/4, SS/1</b>				A*
N/A	100.00mt	Blue-throated Macaw, <i>Ara glaucogularis</i>	Psittacidae	
<b>2020 September 15 (Rare Birds) Set/4, SS/1</b>				A*
N/A	100.00mt	Hoatzia, <i>Opisthocomus hoazin</i>	Opisthocomidae	
N/A	100.00mt	Resplendent Quetzal, <i>Pharomachrus mocinno</i>	Trogonidae	
N/A	100.00mt	Turquoise-browed Motmot, <i>Eumomota superciliosa</i>	Momotidae	
N/A	100.00mt	Great Curassow, <i>Crax rubra</i>	Cracidae	
N/A	400.00mt SS	Andean Cock-of-the-Rock, <i>Rupicola peruvianus</i>	Cotingidae	
	In margin:	Great Curassow, <i>Crax rubra</i>	Cracidae	
<b>2020 September 15 (Frigatebirds) Set/4, SS/1</b>				A*
N/A	100.00mt	Magnificent Frigatebird, <i>Fregata magnificens</i>	Fregatidae	
N/A	100.00mt	Lesser Frigatebird, <i>Fregata ariel</i>	Fregatidae	
N/A	100.00mt	Ascension Frigatebird, <i>Fregata aquila</i>	Fregatidae	
N/A	100.00mt	Great Frigatebird, <i>Fregata minor</i>	Fregatidae	
<b>2020 Sept 15 (Penguins) Set/4, SS/1</b>				A*
N/A	100.00mt	Adelie Penguin, <i>Pygoscelis adeliae</i>	Spheniscidae	
N/A	100.00mt	Humboldt Penguin, <i>Spheniscus humboldti</i>	Spheniscidae	
N/A	100.00mt	Southern Rockhopper Penguin, <i>Eudyptes chrysocome</i>	Spheniscidae	
N/A	100.00mt	Chinstrap Penguin, <i>Pygoscelis antarcticus</i>	Spheniscidae	
N/A	400.00mt SS	Gentoo Penguin, <i>Pygoscelis papua</i>	Spheniscidae	
	In margin:	Emperor Penguin, <i>Aptenodytes forsteri</i>	Spheniscidae	
<b>2021 May 21 (African Birds) Set/4, SS/1</b>				A*
N/A	132.00mt	Secretary-bird, <i>Sagittarius serpentarius</i>	Sagittariidae	
N/A	232.00mt SS	Same species	Sagittariidae	
N/A	132.00mt	African Goshawk, <i>Accipiter tachiro</i>	Accipitridae	
N/A	232.00m SS	Same species,	Accipitridae	
N/A	132.00mt	Egyptian Vulture, <i>Neophron percnopterus</i>	Accipitridae	
N/A	232.00mt SS	Same species	Accipitridae	
N/A	132.00mt	Gabar Goshawk, <i>Micronisus gabar</i>	Accipitridae	
N/A	232.00mt SS	Same species	Accipitridae	

**NIGER**

<b>2017 September 11 (Hummingbirds) Set/4, SS/1</b>				A*
<b>V66(4), p308</b>				
N/A	800fr	Green-throated Mango, <i>Anthracothonax viridigula</i>	Trochilidae	
N/A	800fr	Brown Violetear, <i>Colibri delphinae</i>	Trochilidae	
N/A	800fr	White-vented Violetear, <i>Colibri serrirostris</i>	Trochilidae	

**NIGER (continued)**

N/A	800fr	Broad-billed Hummingbird, <i>Cynanthus latirostris</i>	Trochilidae		
N/A	3300fr	SS Sword-billed Hummingbird, <i>Ensifera ensifera</i>	Trochilidae		
		In margin: Streamertail, <i>Trochilus polytmus</i> (UL)	Trochilidae		
		(Previously Black-billed Streamertail, <i>Trochilus scitulus</i> , now a ssp of Streamertail)			
		Giant Hummingbird, <i>Patagona gigas</i> (CL)	Trochilidae		
		Sparkling Violetear, <i>Colibri coruscans</i> (LL)	Trochilidae		
		Empress Brilliant, <i>Heliodoxa imperatrix</i> (LR) V66(4)	Trochilidae		
		<b>2017 November 20</b> (Owls)	Set/4, SS/1	A*	
		<b>V67(1), p48</b>			
N/A	800fr	Short-eared Owl, <i>Asio flammeus</i>	Strigidae		
N/A	800fr	Northern Saw-whet Owl, <i>Aegolius acadicus</i>	Strigidae		
N/A	800fr	Golden Masked-Owl, <i>Tyto aurantia</i> V67(1)	Tytonidae		
		(Not new, previously known as New Britain Owl)			
		(Not new—first appearance was on a Mozambique sheet of 11/25/2013)			
N/A	800fr	Ural Owl, <i>Strix uralensis</i>	Strigidae		
N/A	3300fr	SS Barn Owl, <i>Tyto alba</i>	Tytonidae		
		Ashy-faced Owl, <i>Tyto glaucops</i>	Tytonidae		
		<b>2017 December 28</b> (Psittacids)		A*	
		<b>V67(1), p53</b>			
N/A	800fr	Spix's Macaw, <i>Cyanopsitta spixii</i>	Psittacidae		
N/A	800fr	Black-capped Lory, <i>Lorius lory</i>	Psittaculidae		
N/A	800fr	Tepui Parrotlet, <i>Nannopsittaca panychlora</i> V67(1)	Psittacidae		
N/A	800fr	Scarlet Macaw, <i>Ara macao</i>	Psittacidae		
N/A	3300fr	SS Echo Parakeet, <i>Psittacula eques</i>	Psittaculidae		
		In margin: Scarlet Macaw, <i>Ara macao</i> (UR)	Psittacidae		
		Blue-throated Macaw, <i>Ara glaucogularis</i> (LL & LR)	Psittacidae		
		<b>2017 December 28</b> (Pigeons)	Set/4, SS/1	A*	
		<b>V67(1), p48</b>			
N/A	800fr	Superb Fruitdove, <i>Ptilinopus superbus</i>	Columbidae		
N/A	800fr	Wedge-tailed Green-Pigeon, <i>Treron sphenurus</i> V67(1)	Columbidae		
N/A	800fr	Seychelles Blue-Pigeon, <i>Alectroenas pulcherrimus</i>	Columbidae		
N/A	800fr	Pink-headed Fruit-Dove, <i>Ptilinopus porphyreus</i>	Columbidae		
N/A	3300fr	SS Spinifex Pigeon, <i>Geophaps plumifera</i>	Columbidae		
		In margin: Western Crowned-Pigeon, <i>Goura cristata</i>	Columbidae		
		<b>2021 February 25</b> (Raptors)	Set/4, SS/1	A*	
N/A	800fr	Osprey, <i>Pandion haliaetus</i>	Pandionidae		
N/A	800fr	Merlin, <i>Falco columbarius</i>	Falconidae		
N/A	800fr	Long-eared Owl, <i>Asio otus</i>	Strigidae		
N/A	800fr	Black Vulture, <i>Coragyps atratus</i>	Cathartidae		
N/A	3300fr	SS Common Buzzard, <i>Buteo buteo</i>	Accipitridae		
		In margin: Bald Eagle, <i>Haliaeetus leucocephalus</i>	Accipitridae		
		<b>2021 February 25</b> (Rare Birds)	Set/4, SS/1	A*	
N/A	800fr	Greater Prairie-Chicken, <i>Tympanuchus cupido</i>	Phasianidae		
N/A	800fr	Shoebill, <i>Balaeniceps rex</i>	Balaenicipitidae		
N/A	800fr	Spoon-billed Sandpiper, <i>Calidris pygmaea</i>	Scolopacidae		
N/A	800fr	Sociable Lapwing, <i>Vanellus gregarious</i>	Charadriidae		
N/A	3300fr	SS Kagu, <i>Rhynochetos jubatus</i>	Rhynochetidae		
		In margin: Egyptian Vulture, <i>Neophron percnopterus</i>	Accipitridae		

**NIGER (continued)**

<b>2021 February 25 (Birds of Venezuela)</b>				3x SS/3	A*
Photos are by Ivan Mikolji.					
N/A	3300fr	SS	Black Vulture, <i>Coragyps atratus</i>	Cathartidae	
N/A	3300fr	SS	Savanna Hawk, <i>Buteogallus meridionalis</i>	Accipitridae	
N/A	3300fr	SS	Burrowing Owl, <i>Athene cunicularia</i>	Strigidae	
<b>2021 May 25 (Extinct Birds)</b>				Set/4, SS/1	A*
N/A	800fr	†	Mauritius Blue-Pigeon, † <i>Alectroenas nitidissimus</i> (top)	Columbidae	
N/A	800fr	†	Red-headed Green-Macaw, † <i>Ara erythrocephala</i> (Left side stamp)	Psittacidae	
N/A	800fr	†	New Zealand Pigeon, † <i>Hemiphaga novaeseelandiae</i> (Right side stamp)	Columbidae	
N/A	800fr	†	Mascarene Parrot, † <i>Mascarinus mascarinus</i>	Psittaculidae	
		In margin:	†Dodo, † <i>Raphus cucullatus</i> (UL)	Columbidae	
			†Norfolk Island Kaka, † <i>Nestor productus</i> (LL)	Strigopidae	
			†Rodrigues Solitaire, † <i>Pezophaps solitaria</i> (LR)	Columbidae	
N/A	3300fr	SS	†Norfolk Island Kaka, † <i>Nestor productus</i>	Strigopidae	
		In margin:	†Carolina Parakeet, † <i>Conuropsis carolinensis</i> (UL)	Psittacidae	
			†Red-headed Green-Macaw, † <i>Ara erythrocephala</i> (LL)	Psittacidae	
			†New Zealand Pigeon, † <i>Hemiphaga novaseelandiae</i> (LR)	Columbidae	
<b>2021 May 25 (Trogon)</b>				Set/4, SS/1	A*
N/A	800fr		Red-headed Trogon, <i>Harpactes erythrocephalus</i> New (Top stamp)	Trogonidae	
N/A	800fr		Golden-headed Quetzal, <i>Pharomachrus auriceps</i> (Left side stamp)	Trogonidae	
N/A	800fr		Black-throated Trogon, <i>Trogon rufus tenellus</i> (ssp) (Right side stamp) V70(3)	Trogonidae	
N/A	800fr		Sumatran Trogon, <i>Harpactes mackloti</i> V70(3) (Bottom stamp)	Trogonidae	
		In margin:	White-tailed Trogon, <i>Trogon chionurus</i> (LL)	Trogonidae	
N/A	3300fr	SS	White-tailed Trogon, <i>Trogon chionurus</i>	Trogonidae	
		In margin:	Red-headed Trogon, <i>Harpactes erythrocephalus</i> (UR)	Trogonidae	
			Black-throated Trogon, <i>Trogon rufus tenellus</i> (ssp) (LR)	Trogonidae	
			Golden-headed Quetzal, <i>Pharomachrus auriceps</i> (LL)	Trogonidae	
<b>2021 August 30 (Extinct Species)</b>				SS/1	A*
N/A	3300fr	SS	†Hesperornis, † <i>Hesperornis regalis</i> V70(4)	†Hesperornithidae	
<b>2021 August 30 (Bee-eaters)</b>				Set/4, SS/1	A*
N/A	800fr		White-throated Bee-eater, <i>Merops albicollis</i>	Meropidae	
N/A	800fr		Green Bee-eater, <i>Merops orientalis</i>	Meropidae	
N/A	800fr		Northern Carmine Bee-eater, <i>Merops nubicus</i>	Meropidae	
N/A	800fr		Blue-breasted Bee-eater, <i>Merops variegatus</i>	Meropidae	
N/A	3300fr	SS	White-fronted Bee-eater, <i>Merops bullockoides</i>	Meropidae	
		In margin:	European Bee-eater, <i>Merops apiaster</i>	Meropidae	
<b>2021 August 30 (Kingfishers)</b>				Set/4, SS/1	A*
N/A	800fr		Pied Kingfisher, <i>Ceryle rudis</i>	Alcedinidae	
N/A	800fr		Spotted Kingfisher, <i>Actenoides lindsayi</i>	Alcedinidae	
N/A	800fr		American Pygmy Kingfisher, <i>Chloroceryle aenea</i>	Alcedinidae	
N/A	800fr		Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae	



**NIGER (continued)**

N/A	3300fr	SS Blue-eared Kingfisher, <i>Alcedo meninting</i>	Alcedinidae		
		In margin: Woodland Kingfisher, <i>Halcyon senegalensis</i>	Alcedinidae		
		Blue-banded Kingfisher, <i>Alcedo euryzona</i> (CTR)	Alcedinidae		
		Belted Kingfisher, <i>Megaceryle alcyon</i> (UL)	Alcedinidae		
		<b>2021 August 30</b> (Eagles)	Set/4, SS/1	A*	
N/A	800fr	African Fish-Eagle, <i>Haliaeetus vocifer</i>	Accipitridae		
N/A	800fr	Changeable Hawk-Eagle, <i>Nisaetus cirrhatus</i>	Accipitridae		
N/A	800fr	Martial Eagle, <i>Polemaetus bellicosus</i>	Accipitridae		
N/A	800fr	Bald Eagle, <i>Haliaeetus leucocephalus</i>	Accipitridae		
N/A	3300fr	SS White-tailed Eagle, <i>Haliaeetus albicilla</i>	Accipitridae		
		(Also in margin)			

SIERRA LEONE		2020 August 31 (Birds in Sierra Leone: Drongos)		Set/4, SS/1	A*
N/A	14,500le	Greater Racket-tailed Drongo, <i>Dicrurus paradiseus</i>	Dicruridae		
N/A	14,500le	Glossy-backed Drongo, <i>Dicrurus divaricatus</i> V70(1)	Dicruridae		
N/A	14,500le	Bronzed Drongo, <i>Dicrurus aeneus</i> V70(1)	Dicruridae		
N/A	14,500le	Greater Racket-tailed Drongo, <i>Dicrurus paradiseus</i>	Dicruridae		
N/A	58,000le SS	Same species and also in margin	Dicruridae		

<b>SLOVAKIA</b>	<b>2021 May 7</b> (Europa) Single			A*	
877	€1.70	Western Capercaillie, <i>Tetrao urogallus</i>	Phasianidae		
878	€1.70	Same species, SA, booklet			
878a		Booklet pane of 6			

SURINAME			2020 December 30 (Flora & Fauna) Set/16		A*
1606	(\$)	Dark-billed Cuckoo, <i>Coccyzus melacoryphus</i>		Cuculidae	
1609	(\$)	Barn Owl, <i>Tyto alba</i>		Tytonidae	
1610	(\$)	Pearly-eyed Thrasher, <i>Margarops fuscatus</i>		Mimidae	
1613	(\$)	Hooded Tanager, <i>Nemosia pileata</i> V70(2)		Thraupidae	
1615	(\$)	Black-headed Parrot, <i>Pionites melanocephalus</i>		Psittacidae	
1616	(\$)	Dusky Parrot, <i>Pionus fuscus</i>		Psittacidae	
1618	(\$)	Striated Heron, <i>Butorides striata</i>		Ardeidae	
			2021 June 2	Set/12	A*

1629a	9s	Crimson-crested Woodpecker, <i>Campephilus melanoleucos</i>	Picidae		
1629b	11s	Swallow-winged Puffbird, <i>Chelidoptera tenebrosa</i>	Bucconidae		
1629c	12s	Helmeted Woodpecker, <i>Dryocopus galeatus</i>	Picidae		
1629d	13s	White Woodpecker, <i>Melanerpes candidus</i> V70(3)	Picidae		
1629e	14s	Yellow-fronted Woodpecker, <i>Melanerpes flavifrons</i>	Picidae V70(3)		
1629f	15s	White-wedged Piculat, <i>Picumnus albosquamatus</i> V70(3)	Picidae		
1629g	16s	White-barred Piculet, <i>Picumnus cirratus</i>	Picidae		
1629h	17s	Chested-eared Aracari, <i>Pteroglossus castanotis</i>	Ramphastidae		
1629i	18s	Red-breasted Toucan, <i>Ramphastos dicolorus</i>	Ramphastidae		
1629j	19s	Toco Toucan, <i>Ramphastos toco</i>	Ramphastidae		
1629k	20s	Spot-billed Toucanet, <i>Selenidera maculirostris</i>	Ramphastidae		
1629l	(\$51)	Saffron Toucanet, <i>Pteroglossus bailloni</i>	Ramphastidae		
Labels=1629l, 1629c, 1629f & 1629i					

**TOGO**

**2017 June 30** (Rare Birds of Togo) Set/4, SSs/1 A\*  
**V66(3). P143 & 144**

N/A 800fr Gray-headed Nigrita, *Nigrita canicapillus* V66(3) Estrildidae  
 (Original English name was Negrofinch)

N/A 800fr Black-rumped Waxbill, *Estrilda troglodytes* Estrildidae

N/A 800fr Red-winged Pytilia, *Pytilia phoenicoptera* Estrildidae

N/A 800fr Pale-fronted Nigrita, *Nigrita luteifrons* V66(3) Estrildidae  
 (Original English name was Negrofinch)

N/A 3300fr SS Togo Paradise-Whydah, *Vidua togoensis* V66(3) Viduida  
 (on stamp and in margin) UR) Viduidae

In margin: Red-winged Pytilia, *Pytilia phoenicoptera* (LL) Estrildidae

Red-faced Pytilia, *Pytilia hypogrammica* V70(4) Estrildidae

**2017 July 31** (Extinct Species) Set/4, SS/1 A\*  
**V66(4), p310**

N/A 800fr †Kauai Akialoa, †*Akialoa stejnegeri* V66(4) Fringillidae

N/A 800fr †Hispaniolan Macaw, †*Ara tricolor* Psittacidae

**2017 December 15** (Hornbills) Set/4, SS/1 A\*  
**V67(1), p51**

N/A 800fr Indian Gray Hornbill, *Ocyrceros birostris* V67(1) Bucerotidae  
 (This species was later shown on a St. Thomas issue on 3/13/2019)

N/A 800fr Eastern Yellow-billed Hornbill, *Tockus flavirostris* Bucerotidae

N/A 800fr Blyth's Hornbill, *Rhyticeros plicatus* Bucerotidae

N/A 800fr Red-billed Dwarf Hornbill, *Lophoceros camurus* Bucerotidae

N/A 3300fr SS Northern Red-billed Hornbill, *Tockus erythrorhynchus* Bucerotidae

In margin: Rhinoceros Hornbill, *Buceros rhinoceros* (UR & CTR) Bucerotidae

Eastern Yellow-billed Hornbill, *Tockus flavirostris* Bucerotidae

**2017 December 15** (Kingfishers) Set/4, SS/1 A\*  
**V67(1), p50**

N/A 800fr Small Blue Kingfisher, *Alcedo coerulescens* V67(1) Alcedinidae

N/A 800fr Philippine Dwarf-Kingfisher, *Ceyx melanurus* Alcedinidae

N/A 800fr Black-backed Dwarf-Kingfisher, *Ceyx erithaca* Alcedinidae

N/A 800fr Pied Kingfisher, *Ceryle rudis* Alcedinidae

N/A 3300fr SS Shining-blue Kingfisher, *Alcedo quadibrachys* Alcedinidae

In margin: Malachite Kingfisher, *Corythornis cristatus* Alcedinidae

**2021 June 25** (Endangered Species) Set/4, SS/1 A\*

N/A 800fr Giant Ibis, *Pseudibis gigantea* Threskiornithidae  
 (Stamp has genus of *Thaumatibis*)

N/A 3300fr SS No bird on the stamp

In margin: Luzon Hornbill, *Penelopides manillae* Bucerotidae

**2021 June 25** (Hornbills) Set/4, SS/1 A\*

N/A 800fr Red-billed Dwarf-Hornbill, *Lophoceros camurus* Bucerotidae

N/A 800fr White-crested Hornbill, *Horizocerus albocristatus* Bucerotidae

N/A 800fr Southern Ground-Hornbill, *Bucorvus leadbeateri* Bucorvidae

N/A 800fr Rhinoceros Hornbill, *Buceros rhinoceros* Bucerotidae

N/A 3300fr SS Von der Decken's Hornbill, *Tockus deckeni* Bucerotidae

In margin: Luzon Hornbill, *Penelopides manillae* (LS) V70(3) Bucerotidae

Northern Red-billed, *Tockus erythrorhynchus* (UR) Bucerotidae

**2021 June 25** (Ducks) Set/4, SS/1 A\*

N/A 800fr King Eider, *Somateria spectabilis* Anatidae

**TOGO (continued)**

N/A	800fr	Common Scoter, <i>Melanitta nigra</i>	Anatidae	
N/A	800fr	Hooded Merganser, <i>Lophodytes cucullatus</i>	Anatidae	
N/A	800fr	Steller's Eider, <i>Polysticta stelleri</i>	Anatidae	
N/A	3300fr	SS Common Eider, <i>Somateria mollissima</i>	Anatidae	
		In margin: Same species as on SS		
<b>2021 June 25 (Hummingbirds)</b>				<b>A*</b>
N/A	800fr	Bronze-tailed Plumeleteer, <i>Chalybura urochrysa</i>	Trochilidae	
N/A	800fr	Buff-billed Sickiebill, <i>Eutoxeres condamini</i> V70(3)	Trochilidae	
N/A	800fr	Green-tailed Trainbearer, <i>Lesbia nuna</i> V70(3)	Trochilidae	
N/A	800fr	Longuemare's Sunangel, <i>Heliangelus clarisse spencei</i> **	Trochilidae ssp	
** This species & ssp's are all under Amethyst-Throated Sunangel, <i>Heliangelus amethysticollis</i> V70(3)				
N/A	3300fr	SS Velvet-Purple Coronet, <i>Boissonneaua jardini</i>	Trochilidae	
		In margin: Striped-billed Hermit, <i>Phaethornis bourcieri</i> (UR)	Trochilidae	
		Purple-throated Mountain-gem, <i>Lampornis calolaemus</i>	Trochilidae (UL)	
		White-throated Mountain-gem, <i>Lampornis castaneiventris</i> (Stamp has <i>Lampornis calolaemus</i> )	Trochilidae	
<b>2021 June 25 (Birds of Paradise)</b>				<b>Set/4, SS/1 A*</b>
N/A	800fr	Black-billed Sickiebill, <i>Drepanornis alberti</i>	Paradisaeidae	
N/A	800fr	King-of-Saxony Bird of Paradise, <i>Pteridophora alberti</i>	Paradisaeidae	
N/A	800fr	Red Bird-of-Paradise, <i>Paradisaea rubra</i>	Paradisaeidae	
N/A	800fr	Victoria's Riflebird, <i>Ptiloris victoriae</i>	Paradisaeidae	
		(Stamp has genus of <i>Lophorina</i> )		
N/A	3300fr	SS Magnificent-bird-of-Paradise, <i>Cicinnurus magnificus</i>	Paradisaeidae	
		In margin: Twelve-wired Bird-of-Paradise, <i>Seleucidis melanoleucus</i>	Paradisaeidae (LS)	
		Wilhelmina's Bird-of-Paradise, <i>Lamprolaima wilhelminae</i>	Paradisaeidae (UR)*	
*This is a hybrid & not deemed to be a legitimate species				
<b>2021 June 25 (Extinct Birds)</b>				<b>Set/4, SSS/1 A*</b>
N/A	800fr	†Great Auk, † <i>Pinguinus impennis</i>	Alcidae	
N/A	800fr	†Martinique Parrot, † <i>Amazona martinicana</i>	Psittacidae	
N/A	800fr	†Reunion Starling, † <i>Fregilupus varius</i>	Sturnidae	
N/A	800fr	†Rodrigues Solitaire, † <i>Pezophaps solitaria</i>	Columbidae	
N/A	3300fr	SS †Reunion Gallinule, † <i>Porphyrio coerulescens</i>	Rallidae	
		In margin: †Pallas's Cormorant, † <i>Phalacrocorax perspicillatus</i> (LS)	Phalacrocoracidae	
		†Guadeloupe Parakeet, † <i>Psittacara labati</i> (UL)	Psittacidae *	
*A hypothetical species, is not known from any species				
<b>2021 Aug 30 (Lighthouses)</b>				<b>Set/4, SSs/1 A*</b>
N/A	800fr	Great White Pelican, <i>Pelecanus onocrotalus</i>	Pelecanidae	
N/A	800fr	Royal Tern, <i>Thalasseus maximus</i>	Laridae	
N/A	3300fr	SS Pied Cormorant, <i>Phalacrocorax varius</i>	Phalacrocoracidae	
		In margin: Laysan Albatross, <i>Phoebastria immutabilis</i>	Diomedidae	
<b>2021 August 30 (Owls)</b>				<b>Set/4, SS/1 A*</b>
N/A	800fr	Eurasian Eagle-Owl, <i>Bubo bubo</i>	Strigidae	
N/A	800fr	Barn Owl, <i>Tyto alba</i>	Tytonidae	
N/A	800fr	Little Owl, <i>Athene noctua</i>	Strigidae	
N/A	800fr	Long-eared Owl, <i>Asio otus</i>	Strigidae	
N/A	3300fr	SS Tawny Owl, <i>Strix aluco</i>	Strigidae	
		In margin: Oriental Bay-Owl, <i>Phodilus badius</i>	Tytonidae	



**TOGO (continued)**

			<b>2021 August 30 (Bee-eaters)</b>	Set/4, SS/1	A*
N/A	800fr	Purple-bearded Bee-eater, <i>Meropogon forsteni</i>		Meropidae	
N/A	800fr	Chestnut-headed Bee-eater, <i>Merops leschenaulti</i>		Meropidae	
N.A	800fr	Green Bee-eater, <i>Merops orientalis</i>		Meropidae	
N/A	800fr	Blue-tailed Bee-eater, <i>Merops philippinus</i>		Meropidae	
N/A	3300fr	SS Blue-bearded Bee-eater, <i>Nyctyornis athertoni</i>		Meropidae	
	In margin: Same species (LL)			Meropidae	
		Red-bearded Bee-eater, <i>Nyctyornis amictus</i> (UR & LR)		Meropidae	
			<b>2021 August 30 (Raptors)</b>	Set/4, SS/1	A*
N/A	800fr	Imperial Eagle, <i>Aquila heliaca</i>		Accipitridae	
N/A	800fr	Levant Sparrowhawk, <i>Accipiter brevipes</i>		Accipitridae	
N/A	800fr	Bonelli's Eagle, <i>Aquila fasciata</i>		Accipitridae	
N/A	800fr	Short-toed Snake-Eagle, <i>Circaetus gallicus</i>		Accipitridae	
N/A	3300fr	SS Eurasian Griffon, <i>Gyps fulvus</i>		Accipitridae	
	In margin: Golden Eagle, <i>Aquila chrysaetos</i> (RS & LL)			Accipitridae	
			<b>2021 August 30 (Nightjars)</b>	Set/4, SS/1	A*
N/A	800fr	Egyptian Nightjar, <i>Caprimulgus aegyptius</i>		Caprimulgidae	
N/A	800fr	Malaysian Eared-Nightjar, <i>Lyncornis temminckii</i> V70(4)		Caprimulgidae	
N/A	800fr	Pennant-winged Nightjar, <i>Caprimulgus vexillarius</i>		Caprimulgidae	
N/A	800fr	Sykes's Nightjar, <i>Caprimulgus mahrattensis</i> V70(4)		Caprimulgidae	
N/A	3300fr	SS Great-eared Nightjar, <i>Lyncornis macrotis</i>		Caprimulgidae	
	In margin: Red-necked Nightjar, <i>Caprimulgus ruficollis</i> (LL & LR)			Caprimulgidae	
			<b>2021 August 30 (Sunbirds)</b>	Set/4, SS/1	A*
N/A	800fr	Mrs. Gould's Sunbird, <i>Aethopyga gouldiae</i>		Nectariniidae	
N/A	800fr	Copper-throated Sunbird, <i>Leptocoma calcostetha</i>		Nectariniidae	
N/A	800fr	Purple Sunbird, <i>Cinnyris asiaticus</i>		Nectariniidae	
N/A	800fr	Loten's Sunbird, <i>Cinnyris lotenius</i>		Nectariniidae	
N/A	3300fr	SS Vigor's Sunbird, <i>Aethopyga vigorsii</i> V70(4)		Nectariniidae	
	In margin: Green-tailed Sunbird, <i>Aethopyga nipalensis</i>			Nectariniidae	
			<b>2021 August 30 (Pheasants)</b>	Set/4, SS/1	A*
N/A	800fr	Himalayan Monal, <i>Lophophorus impejanus</i>		Phasianidae	
N/A	800fr	Cabot's Tragopan, <i>Tragopan caboti</i>		Phasianidae	
N/A	800fr	Blood Pheasant, <i>Ithaginis cruentus</i>		Phasianidae	
N/A	800fr	Chinese Monal, <i>Lophophorus lhuysii</i>		Phasianidae	
N/A	3300fr	SS Copper Pheasant, <i>Symaticus soemmeringii</i>		Phasianidae	
	In margin: Bulwer's Pheasant, <i>Lophura bulweri</i> (UR)			Phasianidae	
	Green Pheasant, <i>Phasianus versicolor</i> (LR)			Phasianidae	
	(Now a ssp of Ring-necked Pheasant, <i>Phasianus colchicus</i> )				

**UNITED NATIONS**

<b>New York</b>		<b>2021 April 7</b> (Endangered Species)	Set/4	A*
1266	\$1.20	Yellow-tufted Honeyeater, <i>Lichenostomus melanops cassidix</i> (ssp)	Meliphagidae	
<b>Vienna</b>		<b>2021 April 7</b> (Endangered Species)	Set/4	A*
670	€0.90	Orange-bellied Parrot, <i>Neophema chrysogaster</i>	Psittaculidae	

**VIETNAM****2020 November 14** (Kingfishers) Set/3

A\*

3696	4000d	Oriental Dwarf-Kingfisher, <i>Ceyx erithaca</i>	Alcedinidae
3697	4000d	Blyth's Kingfisher, <i>Alcedo hercules</i>	Alcedinidae
3698	4500d	Stork-billed Kingfisher, <i>Pelargopsis capensis</i>	Alcedinidae
3699	15000d	SS Black-capped Kingfisher, <i>Halcyon pileata</i>	Alcedinidae

(Also in margin)

## Comments by the Ornithology Editor

In one bird journal, one being Flight in Great Britain, and one website, Theme on Birds, the decision was made to discontinue listing of birds printed by Stamperija due to to excessive meant to extract money from collectors. They are the postage agency for eleven countries; Burundi, Central African Republic, Guinea, Guinea-Bissau, Maldives Islands, Mozambique, Niger, Sao Tome & Principe, Solomon Islands, Togo and Uganda.

Practically all countries mean to extract money from collectors by selling them stamps that will never be used for postage (#1 is the United States). The Stamprija countries are only more flagrant about it. At least the U.S. allows postage to be used forever, in most cases. Most countries only allow their stamps to be used for postage for a short time.

The number of issues by them, either based on their own decision, or even at the request of those postal authorities, again to get money from collect it is incomprehensible, and even more in quantity than the population of their country could consume. Stamp dealers have stopped ordering many of the stamps for these countries because it is too costly to purchase and stock for the little request they get for them. In addition, one of the websites that was a regular purchaser and listing of these issues has stopped buying them and listing them. thus leaving me no source of new stamps that feature bids for me to list in my portion of the journal under "New Issues".

Chuck Braun, author of "New Birds in the Aviary" has continued to list some of these stamps produced by them so he is aware when a bird is on a stamp for the first time shown on a stamp or in the margin on a sheet of stamps or a SS. Chuck's policy is to list these in his article and leave it to collectors of bird stamps if they want to go after these issues to make their collection more complete, and he will continue to make them known. In addition to authoring this section of Biophilately, I'm also a collector of birds on stamps. I myself have stopped collecting these countries, and I know of a number of stamp dealers that no longer purchase these stamps, mostly due to the cost that many collectors stay away from, as dealers claim these issues are money losers and they don't have the money to purchase them. In addition, Scott Publishing has not assigned Scott numbers to at least thirteen of these country stamps for many years, for various reasons, made known to me by the New Issues Editor, which I won't elaborate on.

I, myself have a spreadsheet of all full species birds that were in the "Clements Checklist of Birds of the World", 6th edition published in 2007. As yearly updates and changes are made known in August of each year, Cornell University took up the leadership to keep "Clements Checklist" up-to-date. My spreadsheet includes all the full species, by family that appeared in the 6th Edition, with two extra columns that I added, one for number of full bird species now on stamps, and a second column for number of birds in each family, as added by a subspecies being elevated to a full species and for plus or minus when full species are moved to another family or a new family is named for for a plus or minus from one family to another newly identified family.

I've gone back over Chuck Braun's listing of new birds in the aviary and I list them in my article with a volume number they were listed in when I write my listing of New Issues. Mr. Braun, many times has them listed before me, because I don't write my listings until I have seen a Scott number assigned to them, the only exception is for those I list but show an N/A because many of these are Stamperija issues

that Scott Publishing has not assigned a number to as of yet.

Chuck Braun was listing many new listing in the Aviary that I was not originally keeping up with, especially the Stamperija issues. I am now keeping up with them but only the Stamperija ones he listed that I was not keeping up with.

In this issue, I have not listed a number of these new birds in country order under "New Issues". Under the date of those I've caught up with I've listed the Volume number and the page to let you know which of these were added which I had not listed in my articles prior.

As an aside, have many collectors of bird stamps collected a number of these stamps issued by Stamperija. I guess I'm interested in whether Chuck and I should continue to try to get this information. As it stands right now, Scott Publishing is only keeping up with six of these countries because those countries have an interest to let collectors know what is out there. Scott has about seven that are seven or more years behind due to no help from those countries, for the many reasons made know to me by the New Issues Editor for Scott Publishing. Let me know with an email, which is gmertz43@gmail.com

Glenn G. Mertz

**Zoey can't hardly wait for the  
next issue of Biophilately!**



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## New Birds in the Philatelic Aviary

By Charles E. Braun, BU 1364

### Corrections

BP 65(4) Change **PURPLE-HEADED BEE-EATER** to **PURPLE-BEARDED BEE-EATER**, *Merops forsteni*

BP 67(1) Change **WEDGE-TAILED PIGEON** to **WEDGE-TAILED GREEN-PIGEON**

BP 69(4) Change **SPANGLED OWLET-NIGHTJAR** to **STARRY OWLET-NIGHTJAR**

Delete **STRIPE-BACKED BITTERN**; The stamp shows a Little Bittern

BP 70(1) Change **BRONZE-TAILED GLOSSY STARLING** to **BRONZE-TAILED STARLING**

Change **GLOSSY DRONGO** to **GLOSSY-BACKED DRONGO**

BP 70(2) Change **GREEN-HEADED HUMMINGBIRD** to **GREEN-FRONTED HUMMINGBIRD**

### New Birds

†**HESPERORNIS**, †*Hesperornis regalis* †Hesperornithidae  
Niger, 2021, not yet cataloged, 3300 fr Lived from 100 million to 65 million years BC

Length: 70 inches, sexes alike, resident. A large cormorant-like bird, with a toothed beak.

Habitat, Oceans and rivers.

Range: Central United States to Alaska and northern Canada,; Sweden to northwestern Siberia.

Reference: Kurochkin, E. N, and T.T. Tokaryk. Paleoworld vol 21, pages 59-63.+3



†**RODRIGUES RAIL**, †*Erythromachus leguati* Rallidae

Niger, 2021, not yet cataloged, 3300 fr

Length: 14 inches, sexes similar, resident. Bright gray, with a red bill, legs and eyepatch.

Habitat: Coastal lowlands.

Range: Rodrigues, western Indian Ocean.

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

**TAWNY FROGMOUTH**, *Podargus strigoides* Podargidae

Australia, 2021, not yet cataloged, \$1.10

Length: 14 inches, sexes similar, resident. Black-streaked grayish above and vermiculated grayish below, with a tuft behind the bill.

Habitat: Trees and scrub.

Range: Australia and Tasmania.

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



**MALAYSIAN EARED-NIGHTJAR**, *Lyncornis temminckii* Caprimulgidae

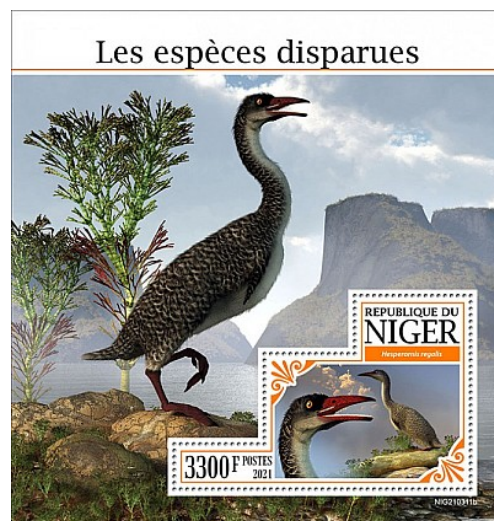
Togo, 2021, not yet cataloged, 800 fr

Length: 10 to 11 inches, sexes similar, resident. Buff-speckled brown above and brown-barred buff below, with distinct "ears."

Habitat: Open country and forest.

Range: Extreme southern Thailand to Borneo.

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





**SYKES'S NIGHTJAR, *Caprimulgus mahrattensis*** Caprimulgidae

Togo, 2021, not yet cataloged, 800 fr

Length: 9 inches, migratory. The male (shown on the stamp) is black-spotted sandy-gray above and buff-spotted sandy-gray below, with white outer tail tips; the female has buff outer tail tips.

Habitat: Dry areas.

Range: Breeds from southeastern Iran to northwestern India; winters in western and central India.



**SICKLE-WINGED NIGHTJAR, *Eleothreptus anomalus*** Caprimulgidae

Chad, 2021, not yet cataloged, 1100 fr and 3300 fr

Length: 7 to 8 inches sexes similar, resident. Dark-brown-spotted pale grayish brown above and brown-barred cinnamon below, with a buff stripe above the eyes.

Habitat: Forest edges and woodland.

Range: Southern Brazil and northeastern Argentina.

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



**DUSKY HUMMINGBIRD, *Cyanthus sordidus*** Trochilidae

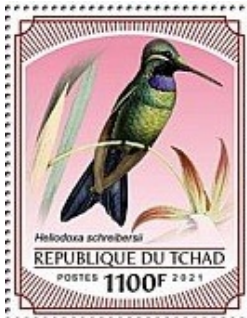
Chad, 2021, not yet cataloged, 1100 fr

Length: 4 inches, sexes similar, resident. Dull golden-green above and dusky gray below, with a black eyestripe and white brow.

Habitat: Open areas with scattered vegetation.

Range: Southwestern Mexico.

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



**BLACK-THROATED BRILLIANT, *Heliodoxa schreibersii*** Trochilidae

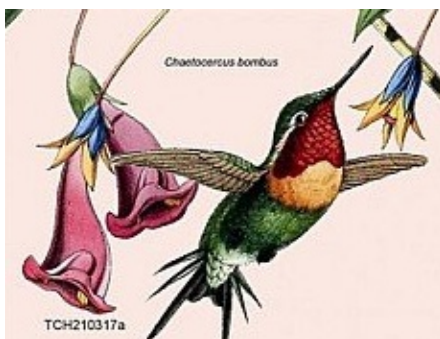
Chad, 2021, not yet cataloged, 1100 fr

Length: 5 inches, sexes similar, resident. Shining green above and black below, with a glittering purple spot on the throat.

Habitat: Interior forest and scrub.

Range: Southeastern Colombia to eastern Peru.

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



**LITTLE WOODSTAR, *Chaetocercus bombus*** Trochilidae

Chad, 2021, not yet cataloged, 1100 fr

Length: 3 inches, resident. The male (shown on the stamp) is dark bronzy blue-green, with a rosy gorget and buffy breast; the female is cinnamon below.

Habitat: Deciduous forest.

Range: Southwestern Colombia to north-central Peru.

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





**SULAWESI DWARF-KINGFISHER, *Ceyx fallax*** Alcedinidae

Guinea-Bissau, 2021, not yet cataloged, 660 fr

Length: 5 inches, sexes alike, resident Dark rufous above and dark orange below, with a black-spotted blue crown and white throat and neck spots.

Habitat: Lowland forest.

Range: Sulawesi and neighboring islands, Indonesia.

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



**RUFOS-BELLIED KOOKABURRA, *Dacelo gaudichaud*** Alcedinidae

Chad, 2021, not yet cataloged, 1100 fr

Length: 11 to 12 inches, resident. The male (lower bird) is black above and rufous below, with a white collar and a blue crump and tail; the female (upper bird) has a rufous tail.

Habitat: Lowland trees.

Range: New Guinea and neighboring islands,

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



**CHATTERING KINGFISHER, *Todiramphus tutus*** Alcedinidae

Chad, 2021, not yet cataloged, 3300 fr Lower left surrounds

Length: 9 inches, sexes alike, resident. Blue above and white below with a blue crown, black mask and white neck.

Habitat: Forest and gardens.

Range: Society Islands and Cook Islands, central Pacific.

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



**SCALY-BREASTED KINGFISHER, *Actenoides princeps*** Alcedinidae

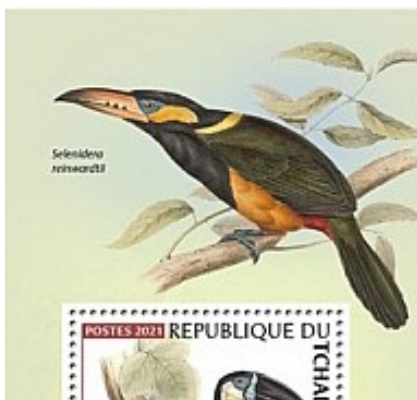
Chad, 2021, not yet cataloged, 3300 fr Right surrounds

Length: 10 inches, resident. The male (shown on the stamp) is brown above and buff-scaled white below, with a blue head and white collar; the female has a buffy eyebrow and moustache on a green head.

Habitat: Upland forest.

Range: Sulawesi, Indonesia.

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



**GOLDEN-COLLARED TOUCANET, *Selenidera reinwardtii***

Ramphastidae

Chad, 2021, not yet cataloged, 3300 fr Upper left surrounds

Length: 13 to 14 inches, resident. The male (shown on the stamp) is green above and black below, with a black crown, green face, yellow collar, black neck and red undertail coverts; the female is chestnut where male is black.

Habitat: Forest.

Range: Southeastern Colombia to northwestern Bolivia and western Brazil.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 7.



**WHITE-WINGED WOODPECKER, *Dendrocopos leucopterus*** Picidae

Croatia, 2021, not yet cataloged, 3.3 k

Length: 9 inches, resident. The male (shown on the stamp) is black above and white below, with a black crown, red nape and white wings; the female lacks the red nape.

Habitat: Woodland, orchards and gardens.

Range: Aral Sea to extreme western China.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 7.

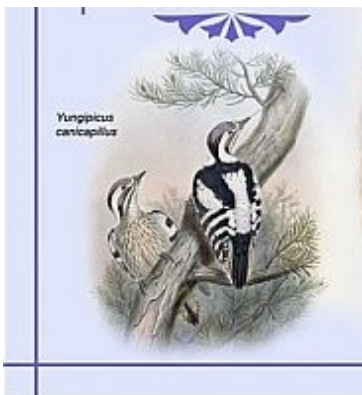
**SULAWESI WOODPECKER, *Yungipicus temminckii*** Picidae

Central African Republic, 2021, not yet cataloged, 900 fr

Length: 5 inches, resident. The male (shown on the stamp) is barred olive-brown above and brown-streaked white below, with a narrow red neckband, white superciliary and white cheekband; the female lacks the neckband.

Habitat: Woodland and coffee plantations Range: Sulawesi and neighboring islands, Indonesia.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 7.

**GRAY-CAPPED WOODPECKER, *Yungipicus canicapillus*** Picidae

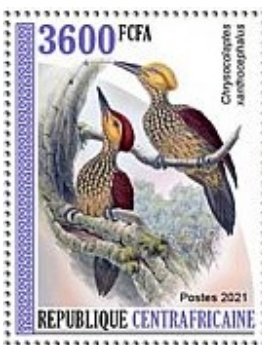
Central African Republic, 2021, not yet cataloged, 3600 fr lower left surrounds

Length: 6 inches, resident, The male (bird on the right) is white-barred black above and brown-streaked white below, with a red streak on the nape, gray cap and a gray-brown and white face. The female (bird on the left) lacks the red nape streak.

Habitat: Forest and woodland.

Range: Northern Pakistan to eastern Siberia, Hainan and Borneo.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 7.

**YELLOW-FACED FLAMEBACK, *Chrysocolaptes xanthocephalus*** Picidae

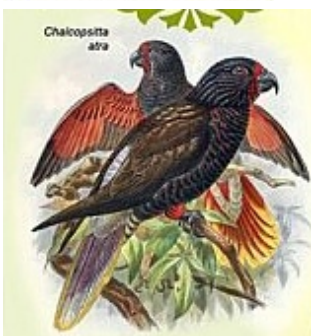
Central African Republic, 2021, not yet cataloged, 3600 fr

Length: 11 inches, resident. The male (shown on the stamp) is deep cinnamon-red above and yellow below, with a red crest, yellow face and white-spotted black neck; the female has a yellow head and crest.

Habitat: Forest.

Range: Central Philippines.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 7.

**BLACK LORY, *Chalcopsitta atra*** Psittaculidae

Central African Republic, 2021, not yet cataloged, 3600 fr lower left surrounds

Length: 13 inches, sexes alike, resident. Black, with a red and olive yellow undertail.

Habitat: Coastal plantations, forest edges and mangroves.

Range: Westernmost New Guinea and neighboring islands.

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

**MARIGOLD LORIKEET, *Trichoglossus capistratus*** Psittaculidae

Central African Republic, 2021, not yet cataloged, 900 fr

Length: 10 to 12 inches, sexes alike, resident. Green, with a blue head and yellow breast, neck and nape.

Habitat: Forest, woodland and mangroves.

Range: Lesser Sundas, Indonesia.

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

**PHILIPPINE ORIOLE, *Oriolus steerii*** Oriolidae

Guinea-Bissau, 2021, not yet cataloged, 800 fr

Length: 7 to 8 inches, sexes alike, resident. Bright olive-green above and black-streaked white below, with a yellow rump and a gray breast and throat.

Habitat: Forest, forest edge and second growth.

Range: Philippines.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 13.

**SOUTHERN MARTIN, *Progne elegans*** Hirundinidae

Central African Republic, 2021, not yet cataloged, 850 fr

Length: 7 inches, migratory. The male (shown on the stamp) is glossy bluish-black with a forked tail; the female is dull bluish-black above and dusky brown below.

Habitat: Forest, woodland, scrub and open areas.

Range: Breeds From southern Bolivia to Argentina; winters in western Amazonia.

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

**WHITE-THIGHED SWALLOW, *Neochelidon tibialis*** Hirundinidae

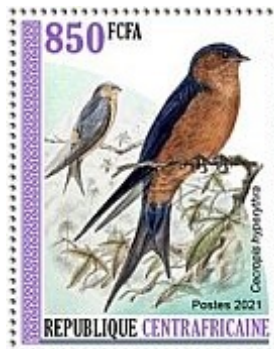
Central African Republic, 2021, not yet cataloged, 3600 fr

Length: 5 inches, sexes alike, resident. Brownish-black above and gray-brown below, with white thighs.

Habitat: Forest and semi-open country.

Range: Eastern Panama to eastern Venezuela, eastern Ecuador, northern Bolivia and southeastern Brazil.

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

**SRI LANKA SWALLOW, *Atticora hypertyrura*** Hirundinidae

Central African Republic, 2021, not yet cataloged, 850 fr

Length: 7 inches, sexes similar, resident. Deep blue above and deep rufous below, with a chestnut rump.

Habitat: Open country.

Range: Sri Lanka.

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





**BROWN PARROTBILL, *Cholornis unicolor*** Sylviidae

Niger, 2021, not yet cataloged, 800 fr

Length: 8 inches, sexes alike, resident. Warm dark brown above and grayish below, with a black superciliary.

Habitat: Bamboo.

Range: Nepal to northwestern Myanmar and southwestern China.

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



**VIGOR'S SUNBIRD, *Aethopyga vigorsii*** Nectariniidae

Togo, 2021, not yet cataloged, 3300 fr

Length: Male 6 inches, female 4 inches, resident. The male (shown on the stamp) is blackish above and gray below, with a blue-green crown, blue-violet cheeks, dull crimson mantle, scarlet throat and green tail; the female is olive above and gray below, with a grayish head and mantle and an olive-gray breast.

Habitat: Evergreen and moist deciduous forest.

Range: Western India.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 13.



†**REUNION FODY, *Foudia delloni*** Ploceidae Extinct around 1675 AD

Niger, 2021, not yet cataloged, 800 fr

Length: 6 inches, resident. The male (shown on the stamp) is bright red, with black wings and tail; the female is pale red, with brown wings and tail.

Habitat: Open country.

Range: Reunion, western Indian Ocean.

Reference: Day, D. Vanished Species.



**RED-FACED PYTILIA, *Pytilia hypogrammica*** Estrildidae

Togo, 2017, not yet cataloged, 3300 fr Right surrounds

Length: 5 inches, resident. The male (shown on the stamp) is greenish above and finely black-and-white-barred olive gray below, with a bluish head, red face and throat and yellow wings; the female lacks the red. Habitat: Woodland, bushland, coastal thickets and abandoned cultivation.

Range: Guinea-Bissau to western Central African Republic.

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



**PIN-TAILED PARROTFINCH, *Erythrura prasina*** Estrildidae

Guinea, 2021, not yet cataloged, 60,000 fr Upper right surrounds

Length: 5 to six inches, sexes similar, resident. Green above and buff below, with a blue face and throat and a red rump.

Habitat: Forest edge, secondary growth and bamboo.

Range: Southern Myanmar to Java.

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



**PARROT CROSSBILL, *Loxia pytyopsittacus*** Fringillidae

Guinea, 2021, not yet cataloged, 15000 fr

Length: 7 inches, resident. The male (shown on the stamp) is red, with brown wings and tail; The female is dark olive-green instead of red.

Habitat: Lowland pine forests and woodlands.

Range: Southeastern Norway to southwestern Siberia.

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

**WILSON'S WARBLER, *Cardellina pusilla*** Parulidae

Liberia, 2021, not yet cataloged, \$300

Length: 5 inches, sexes similar, migratory. Olive-green above and yellow below, with a black crown.

Habitat: Trees, bushes and scrub.

Range: Breeds from Alaska and Newfoundland to California and New England; winters from Texas to western Panama.

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



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## HERPETOLOGY

Editor Dick Roman, LM 83



*Ed. Note: Occasionally in this section and also in the Fungi section, we will note a species that is known to be poisonous or venomous by marking it with a ☠ symbol. One should not infer that other species that are not so marked are non-poisonous or non-venomous or safe to handle/eat.*

### New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>AITUTAKI</b>				
<b>2020 January 15 (Turtles) Set/16</b>				
700	50c	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i>	Cheloniidae	A
701	\$1	Same species (exit water)		
702	\$5	Same species (hatchlings)		
703	\$7	Same species (in water)		
704	\$10	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
705	\$20	Same species (hatchling)		
706	\$30	Same species (in water)		
707	\$34.70	Same species (head)		
708a	50c	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i>	Cheloniidae	A
708b	\$1	Same species		
708c	\$5	Same species		
708d	\$7	Same species		
709a	\$10	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
709b	\$20	Same species		
709c	\$30	Same species		
709d	\$34.70	Same species		
708e		Souvenir sheet #708a-708d		SS
709e		Souvenir sheet #709a-709d		SS
<b>ARGENTINA</b>				
<b>2020 November 2 (Year of the Rat) Set/5, SS/1</b>				
2908		Booklet pane of 5		
2908c	55p	Stylized zodiac snake		
2909	330p	Same species		SS
<b>ASCENSION</b>				
<b>2020 December 22 (Island Scenes Flora and Fauna) Set/12</b>				
1225	50p	Green Sea Turtle, <i>Chelonia mydas</i>	Cheloniidae, Cheloniinae	A
<b>ARUBA</b>				
<b>2020 April 22 (Earth Day, 50y) Set/4</b>				
644	100c	Stylized frog		
<b>BELARUS</b>				
<b>2020 June 19 (Surgeons) Single</b>				
1184	54k	Stylized snake on medical insignia		
<b>CHRISTMAS ISLAND</b>				
<b>2021 January 8 (Year of the Ox) Sheet/15</b>				
606		Sheet of 15 #605a-605c, #606a-606l		
606h	70c	Zodiac snake		

<b>COLOMBIA</b>		<b>2020 September 29</b> (Colombian Parks)	Set/8
1548	Sheet of 8		
1548g	2000p <i>Andinobates opisthomelas</i>	Dendrobatidae	A
		<b>2020 October 30</b> (Colombian Parks)	Set/10
1554	Sheet of 10		
1554e	5000p <i>Dendrophophus triangulum</i>	Hylidae, Hylinae	A
		<b>2020 December 29</b> (Colombian Parks)	Set/10
1560	Sheet of 10		
1560e	2000p Lehmann's Poison Frog, <i>Oophaga lehmanni</i>	Dendrobatidae, Dendrobatinae	A
1560g	2000p <i>Anolis gorgonae</i>	Polychrotidae, Iguania	A
<b>CROATIA</b>		<b>2021 March 22</b> (Marine Life)	Set/3
1216	6.50k Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
1216a	6.50k booklet of 10		
<b>DJIBOUTI</b>		<b>2020 June 12</b> (Worldwide Fund for Nature)	Set/18
2105d	200fr Amboina Box Turtle, <i>Cuora amboinensis</i> Laos 1625b, s-o-s	Geoemydidae	A
2108	300fr Amboina Box Turtle, <i>Cuora amboinensis</i> Laos 1625c, s-o-s	Geoemydidae	A
2121	300fr European tree frog, <i>Hyla arborea</i> Liechtenstein 908, s-o-s	Hylidae	A
		<b>2020 July 27</b> (Turtles)	Set/4, SS/1
2214a	250fr South American River Turtle, <i>Podocnemis expansa</i>	Podocnemididae	A
2214b	250fr Diamondback Terrapin, <i>Malaclemys terrapin</i>	Emydidae, Deirochelyinae	A
2214c	250fr White-lipped Mud Turtle, <i>Kinosternon leucostomus</i>	Kinosternidae	A
2214d	250fr Pig nosed turtle, <i>Carettochelys insculpta</i>	Carettochelyidae	A
Caption: <i>Clemmys insculpta</i>			
2225	1000fr Chicken Turtle, <i>Deirochelys reticularia</i>	Emydidae, Deirochelyinae	A
		<b>2020 November 25</b> (Extinct Animals)	Set/4, SS/1
2289	250fr †Round Island Burrowing Boa, † <i>Bolyeria multocarinata</i>	Bolyeridae, Henophidia	A
		<b>2020 December 30</b> (Chinese Zodiac Animals)	Set/12
2366	100fr Zodiac snake		A
2372a	Souvenir sheet of 12 #2361-72, Same species		SS
		<b>2021 March 1</b> (Turtles)	Set/4, SS/4, SS/1
2415	250fr Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
2416	250fr Maximilian's Snake-headed Turtle, <i>Hydromedusa maximiliani</i>	Chelidae	A
2417	250fr Mediterranean Spur-thighed Tortoise, <i>Testudo graeca</i>	Testudinidae	A
2318	250fr Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A
2418a	Souvenir sheet #2415-2418		SS
2419	250fr Indian Flap-shelled Turtle, <i>Lissemys punctata</i>	Trionychidae	A
<b>DOMINICA</b>		<b>2020 November 3</b> (Tribute to COVID-19 Workers)	Set/4
2812	Sheet of 4		
2812c	\$5 Stylized snake on medical emblem		S
		<b>2020 November 18</b> (Wildlife of Dominica)	Set/6, MS/6
2815	25c Hispaniolan Vine Boa, <i>Chilabothrus ampelophis</i>	Boidae, Boinae	A
Caption: Dominica cloud boa. This is a new boa, the first in 100 years discovered in Dominican Republic last year.			
2816	90c Mountain Chicken, <i>Leptodactylus fallax</i>	Leptodactylidae	A
2817	\$1 Lesser Antillean Iguana, <i>Iguana delicatissima</i>	Iguanidae, Iguania	A
2821b	25c Hispaniolan Vine Boa, <i>Chilabothrus ampelophis</i>	Boidae, Boinae	A
Caption: Dominica cloud boa.			



**DOMINICA (continued)**

2821c	90c	Mountain Chicken, <i>Leptodactylus fallax</i>	Leptodactylidae	A
2821d	\$1	Lesser Antillean Iguana, <i>Iguana delicatissima</i>	Iguanidae, Iguania	A

**ESTONIA****2021 February 27** (Estonian Medical Assoc)

Single

944	90c	Stylized snake in medical staff		S
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**FINLAND****Åland****2021 May 7** (Europa)

Single

445	€2	Moor Frog, <i>Rana arvalis</i>	Ranidae	A
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**FRANCE****2021 April 8** (Charles Baudelaire)

Single

6010	€1.28	U/I Stylized snake in UR		S
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**FRENCH SOUTHERN & ANTARCTIC TERR. 2021 January 2** (Coral Reefs of Gloriosa Islands)

655	€2	Stylized turtle in margin LC		S SS Z
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**GAMBIA****2018 May 22** (Chameleons)

Set/4, SS/1

3790a	90d	Rosette-nosed pygmy chameleon, <i>Rhampholeon spinosus</i>	Chamaeleonidae	A
3790b	95d	Reunion or Panther Chameleon, <i>Furcifer pardalis</i>	Chamaeleonidae	A
3790c	100d	Parson's Chameleon, <i>Calumma parsonii</i>	Chamaeleonidae	A
3790d	105d	Jackson's chameleon, <i>Chamaeleo jacksonii</i>	Chamaeleonidae	A
3791SS	200d	Veiled Chameleon, <i>Chamaeleo calypttratus</i>	Chamaeleonidae	A

**2019 December 17** (Reptiles)

Set/4

3861a	100d	Veiled Chameleon, <i>Chamaeleo calypttratus</i>	Chamaeleonidae	A
3861b	100d	Same species (curled tail)		
3861c	100d	Reunion or Panther Chameleon, <i>Furcifer pardalis</i>	Chamaeleonidae	A
3861d	100d	Same species (on log)		

**2020 September 30** (Snakes)

Set/4, SS/2

3876a	100d	Pope's green tree viper, <i>Trimeresurus popeiorum</i>	Viperidae	A
3876b	100d	Garden tree boa, <i>Corallus hortulanus</i>	Boidae, Boinae	A
Caption: Amazon tree boa				
3876c	100d	Ceylon pit viper, <i>Craspedocephalus trigonocephalus</i> ☠	Viperidae, Crotalinae	A
Caption: Green pit viper				
3876d	100d	White-lipped island pitviper, <i>Trimeresurus insularis</i> ☠	Viperidae, Crotalinae	A
3877aSS	150d	Variable bush viper, <i>Atheris squamigera</i> ☠	Viperidae, Viperinae	A
Caption: Western bush viper				
3877bSS	150d	Boomslang, <i>Dispholidus typus</i> ☠	Colubridae, Colubrinae	A

**GREAT BRITAIN****Jersey****2021 March 11** (Europa Endangered Wildlife)

Set/6

2392	70p	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
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**HUNGARY****2021 March 8** (Fables)

Set/4

4587		Sheet of 4		
4587a	145fo	U/I Stylized frog		S

**JAPAN****2021 January 18** (New Year)

Set/2

4471		Sheet of 2		
4471b	84y	Stylized turtle		S

**KAZAKHSTAN****2020 August 17** (Year of the Rat)

SS/1

927	500te	Stylized snake		S SS
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**LIBERIA****2020 March 25** (Marine life) Set/6, SS/13356f \$200 Green Sea Turtle, *Chelonia mydas* Cheloniidae, Cheloniinae A**2020 March 25** (Crocodiles) Set/6, SS/13357a \$200 Siamese crocodile, *Crocodylus siamensis* Crocodylidae A3357b \$200 Black Caiman, *Melanosuchus niger* Alligatoridae A3357c \$200 Gharial, *Gavialis gangeticus* Gavialidae A3357d \$200 Nile Crocodile, *Crocodylus niloticus* Crocodylidae A3357e \$200 Mugger crocodile, *Crocodylus palustris* Crocodylidae A3357f \$200 American crocodile, *Crocodylus acutus* Crocodylidae A3364 \$1200 Nile Crocodile, *Crocodylus niloticus* Crocodylidae A**2020 March 26** (Extinct species) Set/4, SS/33403a \$600 †*Kaprosuchus saharicus* †Mahajangasuchidae A**2020 March 26** (Critically endangered) Set/4, SS/33406b \$300 Hawksbill Sea Turtle, *Eretmochelys imbricata* Cheloniidae A**2020 March 26** (Turtles) Set/43409a \$300 Red-Footed Tortoise, *Chelonoidis carbonaria* Testudinidae A3409b \$300 Green Sea Turtle, *Chelonia mydas* Cheloniidae, Cheloniinae A3409c \$300 African Spurred Tortoise, *Centrochelys sulcata* Testudinidae A3409d \$300 Leopard Tortoise, *Stigmochelys pardalis* Testudinidae A**2020 March 26** (Snakes) Set/43410a \$300 Jerdon's pitviper, *Protobothrops jerdonii* 🦂 Viperidae, Crotalinae A3410b \$300 Portugese viper, *Vipera seoanei* 🦂 Viperidae A3410c \$300 Common European Adder, *Vipera berus* 🦂 Viperidae A3410d \$300 Brown sand boa, *Eryx johni* Boidae A**2020 March 26** (Turtles) SS/23424a \$600 Green Sea Turtle, *Chelonia mydas* Cheloniidae, Cheloniinae A3424b \$600 Horsfield's Tortoise, *Testudo horsfieldii* Testudinidae A**2020 March 26** (Snakes) SS/23425a \$600 Boa constrictor, *Boa constrictor* Boidae, Boinae A3425b \$600 Burmese python, *Python bivittatus* Pythonidae, Henophidia A**2021 February 1** (Turtles) Set/4, SS/13514a \$300 Pond Slider, *Trachemys scripta* Emydidae, Deirochelyinae ASpp. *elegans* common name is Red-eared Slider3514b \$300 Green Sea Turtle, *Chelonia mydas* Cheloniidae, Cheloniinae A3514c \$300 Chinese Soft-shelled Turtle, *Pelodiscus sinensis* Trionychidae A3514d \$300 Painted Turtle, *Chrysemys picta* Emydidae, Deirochelyinae A3524 \$1200 Green Sea Turtle, *Chelonia mydas* Cheloniidae, Cheloniinae A**MACEDONIA****2020 December 29** (Snakes) Set/4

868 Block of 4

868a 10d Javelin Sand Boa, *Eryx jaculus* Boidae, Erycinae A868b 20d European Ratsnake, *Zamenis situla* Colubridae, Colubrinae A868c 50d Nose-horned Viper, *Vipera ammodytes* 🦂 Viperidae, Viperinae A868d101d Common European Adder, *Vipera berus* 🦂 Viperidae A**MALDIVE ISLANDS****2017 June 21** (Ptg: Birds of Prey) Set/4, SS/1

3957c 20r Stylized snake attacking S

**2017 September 26** (Turtles) Set/4, SS/14001a 20r Alligator Snapping Turtle, *Macrochelys temminckii* Chelydridae A4001b 20r Hawksbill Sea Turtle, *Eretmochelys imbricata* Cheloniidae A

**MALDIVE ISLANDS (continued)**

4001c	20r	Chicken Turtle, <i>Deirochelys reticularia</i>	Emydidae, Deirochelyinae	A
4001d	20r	Pacific Pond Turtle, <i>Actinemys marmorata</i>	Emydidae, Emydinae	A
4010	60r	Spotted Turtle, <i>Clemmys guttata</i>	Emydidae	A SS

**2018 March 15 (Snakes)**

Set/4, SS/1

4057a	22r	Black Mamba, <i>Dendroaspis polylepis</i> ☠	Elapidae	A
4057b	22r	Common or Rhombic Night Adder, <i>Causus rhombeatus</i> ☠	Viperidae, Viperinae	A
4057c	22r	Western Tiger Snake, <i>Notechis scutatus</i> ☠	Elapidae	A
4057d	22r	Southern Copperhead, <i>Agkistrodon contortrix</i> ☠	Viperidae, Crotalinae	A
4072	70r	King Cobra, <i>Ophiophagus hannah</i> ☠	Elapidae	A

**2018 May 10 (Indian Ocean Wildlife)**

Set/4, SS/1

4093	60r	Saltwater Crocodile, <i>Crocodylus porosus</i>	Crocodylidae	A SS
4094	60r	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A SS

**MARSHALL ISLANDS****2020 October 16 (Geese)**

Set/5, SS/1

1274	\$1.50	Stylized turtle in UR margin		S
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**2020 November 30 (Sea Turtles)**

Set/4, SS/2

1295a	\$2	U/I sea turtle		
1295a	\$2	U/I sea turtle		
1295a	\$2	U/I sea turtle		
1295a	\$2	U/I sea turtle		
1296aSS	\$3	U/I sea turtle		
1296bSS	\$3	U/I sea turtle		

**2020 November 30 (Reptiles)**

Set/4, SS/1

1297a	\$2	Leatherback Sea Turtle, <i>Dermochelys coriacea</i>	Dermochelyidae	A
1297b	\$2	Green Turtle, <i>Chelonia mydas</i>	Cheloniidae	A
1297c	\$2	Eastern indigo snake, <i>Drymarchon couperi</i>	Colubridae, Colubrinae	A
1297d	\$2	Komodo Dragon, <i>Varanus komodoensis</i>	Varanidae, Platynota	A
1298	\$5	Florida box turtle, <i>Terrapene carolina</i>	Emydidae	A SS

Caption: Common box turtle

**MEXICO****2020 December 17 (Space Flight, first Mexican Astronaut)**

3195	7p	Stylized snake symbol		S
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**NEVIS****2020 November 2 (Starfish)**

Set/5, SS/1

2009	\$14	U/I turtle in margin (UL)		
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**2020 November 2**

(Tree Frogs) Set/4, SS/1

2010		Sheet of 4		
2010a	\$5.50	Squirrel Tree Frog, <i>Hyla squirella</i>	Hemiphractidae	A
2010b	\$5.50	Cuban treefrog, <i>Osteopilus septentrionalis</i>	Hylidae, Hylinae	A
2010c	\$5.50	Gray Tree Frog, <i>Chiromantis xerampelina</i>	Rhacophoridae, Rhacophorinae	A
2010d	\$5.50	Red-Eyed Tree Frog, <i>Agalychnis callidryas</i>	Hylidae, Phyllomedusinae	A
2011	\$14	Same species, two frogs		SS

**NORFOLK ISLAND****2021 February 9 (Lizards)**

Set/2, SS/2

1162	\$1.10	Lord Howe & Norfolk Islands Skink, <i>Oligosoma lichenigera</i>	Scincidae, Eugongylinae	A
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Caption: Lord Howe Island skink

1163	\$2.20	Lord Howe Island Southern Gecko, <i>Christinus guentheri</i>	Gekkonidae	A
1163a		Souvenir sheet #1162-1163		SS



**PALAU****2020 November 30** (Sea Turtles)

Set/4, SS/2

1464a	\$2	U/I sea turtle
1464b	\$2	U/I sea turtle
1464c	\$2	U/I sea turtle
1464d	\$2	U/I sea turtle
1465a	\$3	U/I sea turtle
1465b	\$3	U/I sea turtle

SS

SS

**ROMANIA****2020 October 1** (Chameleons)

Set/4 + labels

6479	2.20 1	Veiled Chameleon, <i>Chamaeleo calyptatus</i>	Chamaeleonidae	A
6479a		Sheet of 5 + label		
6480	3.30 1	Reunion or Panther Chameleon, <i>Furcifer pardalis</i>	Chamaeleonidae	A
6480		Sheet of 5 + label		
6481	5 1	Jackson's chameleon, <i>Trioceros jacksonii</i>	Chamaeleonidae	A
6481		Sheet of 5 + label		
6482	19 1	Reunion or Panther Chameleon, <i>Furcifer pardalis</i>	Chamaeleonidae	A
6482		Sheet of 5 + label		

**RUSSIA****2021 February 25** (Frogs)

Set/4

8235		Block of 4		
8235a	56r	Pool frog, <i>Pelophylax lessonae</i>	Ranidae	A
8235b	56r	Dybovsky's Frog, <i>Rana dybowskii</i>	Ranidae	A
8235c	56r	Iranian Long-Legged Frog, <i>Rana macrocnemis</i>	Ranidae	A
8235d	56r	Siberian Wood Frog, <i>Rana amurensis</i>	Ranidae	A

**ST. THOMAS & PRINCE ISLANDS****2017 November 7** (Turtles)

Set/2, SS/1

3472a	31,000d	Yellow-blotched Map Turtle, <i>Graptemys flavimaculata</i>	Emydidae, Deirochelyinae	A
Caption: <i>Braptemys</i>				
3472b	31,000d	Indian Flap-shelled Turtle, <i>Lissemys punctata</i>	Trionychidae	A
3472c	31,000d	McCord's Snakeneck Turtle, <i>Chelodina mccordi</i>	Chelidae	A
3472d	31,000d	Asian Giant soft-shelled Turtle, <i>Pelochelys cantorii</i>	Trionychidae	A
3489	124,000d	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i>	Cheloniidae	A SS
<b>2017 May 8</b> (Animals)				
3304	124,000d	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A SS

**SAN MARINO****2021 March 30**

(Endangered Animals)

2094	€1.10	Italian Cave Salamander, <i>Hydromantes italicus</i>	Plethodontidae, Plethodontinae	A
Caption: <i>Speleomantes</i>				

**SERBIA****2021 February 23**

(Year of the Ox)

Set/2

938	27d	Stylized Zodiac snake		S
939	70d	Same species		

**SIERRA LEONE****2018 June 29** (Turtles)

Set/4, SS/1

4840a	9800le	Eastern Box Turtle, <i>Terrapene carolina</i> ssp. <i>carolina</i>	Emydidae, Emydinae	A
4840b	9800le	Chinese Soft-shelled Turtle, <i>Pelodiscus sinensis</i>	Trionychidae	A
4840c	9800le	Common Snapping Turtle, <i>Chelydra serpentina</i>	Chelydridae	A
4840d	9800le	Jalisco Mud Turtle, <i>Kinosternon chimalhuaca</i>	Kinosternidae	A
4860	40,000le	Olive Ridley Sea Turtle, <i>Lepidochelys olivacea</i>	Cheloniidae	A

**2018 August 30** (Crocodiles)

Set/4, SS/1

4913a	9800le	American crocodile, <i>Crocodylus acutus</i>	Crocodylidae	A
4913b	9800le	Mugger crocodile, Swamp crocodile, <i>Crocodylus palustris</i>	Crocodylidae	A

**SIERRA LEONE (continued)**

4913c	9800le	Saltwater Crocodile, <i>Crocodylus porosus</i>	Crocodylidae	A
4913d	9800le	Morelet's Crocodile, <i>Crocodylus moreletii</i>	Crocodylidae	A
4931	40,000le	Siamese crocodile, <i>Crocodylus siamensis</i>	Crocodylidae	A

**2018 August 30** (Chinese Zodiac Animals) Set/12

4947		Sheet of 12 with tan frames		
4947f	9800le	Featured Zodiac snake Stylized		S
4948		Sheet of 12 with white frames		
4948f	9800le	Featured Zodiac snake Stylized		S

**2018 September 28** (Snakes) Set/6, SS/1

4953a	980le	Rosy boa, <i>Lichanura trivirgata</i>	Boidae, Charininae	A
4953b	980le	Nelson's milksnake, <i>Lampropeltis triangulum</i>	Colubridae	A
Spp. nelsoni		Caption: <i>Lampropeltis nelsoni</i> (Perhaps this subspecies is promoted to full species)		
4953c	980le	Western Green Mamba, <i>Dendroaspis viridis</i> ☠	Elapidae	A
4953d	980le	Scarlet kingsnake, <i>Lampropeltis triangulum</i>	Colubridae, Colubrinae	A
Also called: Louisiana Milksnake, Mexican Milksnake				
4953e	980le	Eastern Corn snake, <i>Pantherophis guttatus</i>	Colubridae, Colubrinae	A
4953f	980le	Southern Copperhead, <i>Agkistrodon contortrix</i> ☠	Viperidae, Crotalinae	A
4971	40,000le	Royal Python, <i>Python regius</i>	Pythonidae, Henophidia	A

**2018 September 28** (Dusit Zoo, Bangkok, 80y) Set/4, SS/1

4985		Sheet of 4		
4985d	9800le	Spiny turtle, <i>Heosemys spinosa</i>	Geoemydidae	A
4986	40,000le	Common Water Monitor, <i>Varanus salvator</i>	Varanidae, Platynota	A SS

**2018 October 30** (Turtles) Set/4, SS/1

5008a	9800le	Common Snapping Turtle, <i>Chelydra serpentina</i>	Chelydridae	A
5008b	9800le	Indochinese Box Turtle, <i>Cuora galbinifrons</i>	Geoemydidae	A
5008c	9800le	Spotted Turtle, <i>Clemmys guttata</i>	Emydidae	A
5008d	9800le	Indian Roofed Turtle, <i>Pangshura tecta</i>	Geoemydidae	A

Caption: Kachuga

5027	40,000le	Green Sea Turtle, <i>Chelonia mydas</i>	Cheloniidae, Cheloniinae	A SS
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**SEYCHELLES****2019 October 2** (Ghandi) Single

907	5r	Stylized snake on flag of Seychelles		S
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**SINGAPORE****2020 August 3** (Mascots) Set/5

2024	70c	Captain Green (environmental protection mascot)		S
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**SRI LANKA****2020 March 5** (Endangered Species) Set/20

2228	15r	Dumbara Agama, <i>Cophotis dumbara</i>	Agamidae	A
2230	15r	Species of earth snake, <i>Rhinophis sp.</i>	Uropeltidae, Henophidia	A
2234	15r	<i>Hemidactylus pieresii</i>	Gekkonidae	A
2235	15r	Leschenault's Snake-eyed Lizard, <i>Ophisops leschenaultia</i>	Lacertidae	A
2238	15r	Ceylonese Dasia, <i>Dasia haliana</i>	Scincidae, Mabuyinae	A
2241	15r	Ranwella's spined tree frog, <i>Polypedates ranwellai</i>	Rhacophoridae, Rhacophorinae	A
2243	15r	<i>Ceratophora karu</i>	Agamidae	A

**SWEDEN****2021 January 14** (Europa: toad, dragonfly, flowers) Single

2867	24k	Green toad, <i>Bufo viridis</i>	Bufonidae	A
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**SURINAM****2020 July 1** (Frogs) Set/4

1599 Block or strip of 4

1599a F (\$3) *Dendropsophus ebraccatus*

Hylidae, Hylineae A

Caption: *Dendropsophus*1599b \$22 *Dendropsophus rhodopeplus*

Hylidae, Hylineae A

Caption: *Hyla rhodopepla*1599c \$30 *Hypsiboas rufitellus*

Hylidae, Hylineae A

1599d \$40 Masked tree frog, *Smilisca phaeota*

Hylidae, Hylineae A

**2020 December 30** (Flora and Fauna) Set/161607 \$5 Map treefrog, *Boana geographica*

Hylidae A

Caption: *Hyla geographica***TURKEY****2020 May 12** (Patara) Set/6

3713 51 U/I sea turtle on beach

**TUVALU****2020 November 30** (Sea Turtles) Set/4, SS/2

1492a \$2.50 U/I sea turtle

1492b \$2.50 U/I sea turtle

1492c \$2.50 U/I sea turtle

1492d \$2.50 U/I sea turtle

1493aSS \$4.00 U/I sea turtle

1493bSS \$4.00 U/I sea turtle

**2020 December 20** (Forbidden City) Set/4, SS/1

1496a \$2.50 bronze statue of turtle

**UNITED NATIONS****New York****2021 April 7** (Endangered Species) Set/41268 \$1.20 American Alligator, *Alligator mississippiensis* Alligatoridae A**VIETNAM****2020 November 14** (Kingfishers) Set/3, SS/1

3697 4000d U/I frog in bird beak

**ANIMALS; DOGS & CATS; HORSES; INSECTS; BUGS BUTTERFLIES;  
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## ICHTHYOLOGY

Editor

J. Dale Shively, BU 1832



### New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>ANTIGUA</b> <b>2020 May 20</b> (Seashells) MS/6				
3582	Margin:	LL/LC/LR: Stylized fish (same design as Sc# 3576)		Z
		Moorish Idol, <i>Zanclus cornutus</i>	Zanclidae	
		Seahorse, <i>Hippocampus sp.</i>	Syngnathidae	
		Copperband butterflyfish, <i>Chelmon rostratus</i>	Chaetodontidae	
<b>2020 June 3</b> (Caribbean Reef Sharks) Sht/4 & SS/1				
3584a	\$4	Caribbean Reef Shark, <i>Carcharhinus perezii</i>	Carcharhinidae	A
		Remora, <i>Remora sp.</i>	Echeneidae	B
		Pilotfish, <i>Naucrates ductor</i>	Carangidae	B
3584b	\$5	Same, 3 sharks	Carcharhinidae	A
3584c	\$6	Same, facing LT	Carcharhinidae	A
3584d	\$7	Same, facing LT	Carcharhinidae	A
3584	Margin:	Underside of Caribbean Reef Shark	Carcharhinidae	Z
3585	\$14	Caribbean Reef Shark (2), <i>Carcharhinus perezii</i>	Carcharhinidae	A
		U/I marine fish in background		U
	Margin:	U/I marine fish in background		U
<b>ARMENIA</b> <b>2020 December 24</b> (Cartoon, "In Blue Sea, In White Foam") Single				
1238	120d	Numerous stylized fish		S
<b>ARUBA</b> <b>2020 April 22</b> (Earth Day, 50y) Set/4				
644	100c	Hand holding Earth Day emblem w/UI fish		C U
<b>AUSTRALIA</b> <b>2021 February 22</b> (Ramsar Convention Wetlands) Set/4 & Bklt				
5263a	Bklt	\$3.50 Riverland Wetland, South Australia, stylized fish (white) on cover LR		S
No Sc.#		\$3.50 International Stamp Sheetlet of 5, stylized fish (lavender) at L		S
<b>BELGIUM</b> <b>2021 January 25</b> (Circular Items in Nature) Sht/5 & 4 labels				
2940c	€1	LR: Porcupinefish, <i>Diodon sp.</i>	Diodontidae	B
<b>BOTSWANA</b> <b>2020 September 25</b> (Water Utilities Company, 50y) Set/2, SS/2				
1091	5p	Stylized fish (2) in water droplet, UL in bowl and LL above tub		S
1092	7p	Same water droplet as #1091		
1092a		Souvenir sheet of 2, #1091-1092		
<b>2021 May 27</b> (Fish Eagles - birds) Set/4 & SS/4				
1105	9p	Fish eagle catching U/I fish		U
1106a	SS/4	Same as Sc# 1105		U
<b>BULGARIA</b> <b>2020 August 25</b> (First Coordinator of Common Maritime Agenda for Black Sea) Single				
4941	3 l	LL: Stylized U/I fish head		S
Note: Imperforate SS/1 of #4941 with simulated perforations issued September 2020 with and w/o gum.				

**CANADA****2021 June 7** (Schooner Bluenose Cent.) SS/2 & bklt/10

3293 SS/2	P	Schooner w/ Fishing Boat and U/I fish caught by fisherman	C
3293a P	Sc# 3293 as single		
3293c P	Sc# 3293 w/CAPEX 22 emblem added to margin		
3294 P	Sc# 3293 bklt stamps		
3295a P	Sc# 3293-3294 bklt/10 each		

**CHINA (Taiwan)****2021 April 9** (*Carrassius* [Goldfish] variants) Set/4

4584 \$8	Bead Scales, <i>Carassius auratus</i>	Cyprinidae	A
4585 \$8	Upturned Eyes, <i>Carassius auratus</i>	Cyprinidae	A
4586 \$15	Blister Eyes, <i>Carassius auratus</i>	Cyprinidae	A
4587 \$28	Lion's Head, <i>Carassius auratus</i>	Cyprinidae	A

**COCOS ISLANDS****2021 May 18** (Manta Rays) Set/4 & SS/4

414 \$1.10	Reef Manta Ray (3), <i>Mobula alfredi</i>	Myliobatidae	A
415 \$1.10	Same species	Myliobatidae	A
416 \$2.20	Same species	Myliobatidae	A
417 \$2.20	Same species	Myliobatidae	A
417a	Souvenir sheet of 4, #414-417		
	Margin LT: Reef Manta Ray (2), <i>Mobula alfredi</i>	Myliobatidae	Z

**CROATIA****2021 March 22** (Marine Life) Bklt/10

1214 3.30k	Devil Fish, <i>Mobula mobular</i>	Myliobatidae	A
1214a	Bklt/10		

**DJIBOUTI****2020 February 27** (110y Jacques-Yves Cousteau) Set/4 & SS/1

2071 250fr	Cousteau w/ Skipjack Tuna, <i>Katsuwonus pelamis</i>	Scombridae	B
2072 250fr	Denise submarine w/Bonefish, <i>Albula vulpes</i>	Albulidae	B
2073 250fr	Cousteau's ship (Calypso) w/ Roving Coralgroupier, <i>Plectropomus pessuliferus</i>	Serranidae	B
2074 250fr	Cousteau w/ European Barracuda, <i>Esox (Sphyaena) sphyaena</i>	Sphyaenidae	B
2074a SS/4	(Sc# 2071-2074)		
2075 SS/1	1000fr Cousteau w/ Reef Manta Ray, <i>Mobula alfredi</i>	Myliobatidae	B
	Margin LL: Sockeye Salmon, <i>Oncorhynchus nerka</i>	Salmonidae	Z
	Stylized fish (shadows) in background		SZ

**2020 July 27** (Fish) Sht/4 & SS/1

2213a 250fr	Common Dolphinfin, <i>Coryphaena hippurus</i>	Coryphaenidae	A
2213b 250fr	Rainbow Trout, <i>Oncorhynchus mykiss</i>	Salmonidae	A
2213c 250fr	Northern Pike, <i>Esox lucius</i>	Esocidae	A
2213d 250fr	Wels Catfish w/UI fish in mouth, <i>Silurus glanis</i>	Siluridae	A
2213 Sht/4	(Sc# 2213a-d)		
2224 SS/1	1000fr Siamese Fighting Fish, <i>Betta splendens</i>	Osphronemidae	A
	Margin UR: Mandarinfish, <i>Synchiropus splendidus</i>	Callionymidae	Z
	CTR: Guppy, <i>Poecilia reticulata</i>	Poeciliidae	Z
	U/I fish in background		Z

**2020 November 25** (Kingfishers – birds) Sht/4 & SS/1

2239b 250fr	Green Kingfisher, <i>Chloroceryle americana</i> w/UI fish in beak		U
2239c 250fr	Blue-eared Kingfisher, <i>Alcedo meninting</i> w/UI fish in beak		U
2239 Sht/4	(Sc# 2239a-d)		
2248 1000fr	Collared Kingfisher, <i>Todiramphus chloris</i>		U
	Margin: Common Kingfisher, <i>Alcedo atthis</i> w/UI fish in beak		Z

**DJIBOUTI (continued)****2021 March 1** (Fish) Sht/4 & SS/1

2405	250fr	Guam Scorpionfish, <i>Scorpaenodes guamensis</i>	Scorpaenidae	A
2406	250fr	Radial Firefish, <i>Pterois radiata</i>	Scorpaenidae	A
2407	250fr	Two-spined Angelfish, <i>Centropyge bispinosa</i>	Pomacanthidae	A
2408	250fr	Lined Surgeonfish, <i>Acanthurus lineatus</i>	Acanthuridae	A
2408a	Sht/4	(Sc# 2505-2408)		
2409	SS/1	1000fr Pennant coralfish, <i>Heniochus acuminatus</i>	Chaetodontidae	A
	Margin	UR: Achilles Tang, <i>Acanthurus achilles</i>	Acanthuridae	Z
		UR: Ringtail Surgeonfish, <i>Acanthurus blochii</i>	Acanthuridae	Z
		LL: Star-spotted Grouper, <i>Epinephelus hexagonatus</i>	Serranidae	Z

**DOMINICA****2020 November 18** (Wildlife of Dominica) Set/6 & Sht/6

2821	Margin:	Sht/6 BT: Blackbar Soldierfish, <i>Myripristis jacobus</i>	Holocentridae	Z
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**GREENLAND****2021 February 22** (Fish) (Set/2)

864	14k	Lumpfish, <i>Cyclopterus lumpus</i>	Cyclopteridae	A
865	28k	Greenland Shark, <i>Somnius microcephalus</i>	Somniosidae	A
865a	SS/2	Sc# 864-865		

**IRAQ****2019 September 30** (Fish) Set/4

2070	250d	Abu Mullet, <i>Lizea (Planiliza) abu</i>	Mugilidae	A
2071	500d	American Shad, <i>Alosa sapidissima</i>	Clupeidae	A
2072	750d	Black Seabream, <i>Spondyllosoma cantharus</i>	Sparidae	A
2073	1000d	European Pilchard, <i>Sardina pilchardus</i>	Clupeidae	A

**ISRAEL****2021 April 6** (House Blessing) SS/1

2286	10s	Stylized fish (2) at bottom of blessing		S
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**ITALY****2020 September 3** (Poster for Blessed Gerardo Sasso by Mimmo Paladino) Single

3659	€1.15	Stylized U/I fish		B U S
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**JAPAN****2021 January 15** (Moominmamma, Little My) (MS/10)

4469d	¥63	Stylized fish skeleton on plate		S
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**2021 March 12** (Sea Bottom Surveys and Charts) Set/5

4480	¥84	Echo Sounding Survey of Sea Bottom, stylized U/I fish in LL		S
4482	¥84	Airplane Conducting Laser Survey of Sea Bottom, stylized U/I fish in LL		S

**KAZAKHSTAN****2020 December 30** (Fish) Sheet/4

948a	500te	Taimen, <i>Hucho taimen</i>	Salmonidae	A
948b	600te	Volga Shad, <i>Alosa volgensis</i>	Clupeidae	A
948c	700te	Sea Trout, <i>Salmo trutta</i>	Salmonidae	A
948d	8000te	Fringebarbel Sturgeon, <i>Acipenser nudiiventris</i>	Acipenseridae	A
948	Margin:	Posterior sections (tail) of all fish species except #948b		Z

**LIBERIA****2021 February 1** (Fish) Sht/4 & SS/1

3513a	\$330	Clown Triggerfish, <i>Balistoides conspicillum</i>	Balistidae	A
3513b	\$300	Redbreasted Wrasse, <i>Cheilinus fasciatus</i>	Labridae	A
3513c	\$300	Electric Blue Hap, <i>Haplocromis (Sciaenochromis) ahli</i>	Cichlidae	A
3513d	\$300	Yellow Tang, <i>Zebriasoma flavescens</i>	Acanthuridae	A
3513	Sht/4	Stylized fish at top; part of legend		Z
3523	\$1200	Blackspotted Puffer, <i>Arothron nigropunctatus</i>	Tetraodontidae	A
	Margin	LL: Clown Anemonefish, <i>Amphiprion ocellaris</i>	Pomacentridae	Z



**LIBERIA (continued)**

LL: Blacktail Humbug, <i>Dascyllus melanurus</i>	Pomacentridae	Z
UR: Devil Firefish, <i>Pterois miles</i>	Scorpaenidae	Z

**MALDIVE ISLANDS 2017 September 12** (Bandung 2017 World Stamp Exhibition, Indonesia, Colors of Siamese fighting Fish) MS/4

Note: MS shaped like fishbowl.

3976a 22r	Siamese Fighting Fish, <i>Betta splendens</i> , dark blue and red	Osphronemidae	A
3976b 22r	Same species, light blue and orange	Osphronemidae	A
3976c 22r	Same species, red, blue, and orange	Osphronemidae	A
3976d 22r	Same species, red	Osphronemidae	A
3976	Margin: Like Sc#3976d, <i>Betta</i> in background behind stamps	Osphronemidae	Z

**2017 September 12** (*Ursus arctus* (Brown Bear) Catching Fish)

3977 70r	Brown bear w/unidentified Salmonidae(?) in mouth	Salmonidae	SS/1
Margin UL/UR: (2) Stylized Rainbow Trout, <i>Oncorhynchus mykiss</i>	Salmonidae	B	S Z
LL: Rainbow Trout, <i>Oncorhynchus mykiss</i>	Salmonidae	Z	
LR: Northern Pike, <i>Esox lucius</i>	Esocidae	Z	

**2017 September 26** (Fish)

4004a 22r	Bluering Angelfish (3), <i>Pomacanthus annularis</i>	MS/4	Pomacanthidae	A
4004b 22r	Maldivian Anemonefish, <i>Amphiprion nigripes</i>	Pomacentridae	A	
4004c 22r	Longnose Hawkfish, <i>Oxycirrhites typus</i>	Cirrhitidae	A	
4004d 22r	Copperband Butterflyfish, <i>Chelmon rostratus</i>	Chaetodontidae	A	
4004	Margin UL: Unidentified school of fish swimming LT to RT		Z	
4013 70r	Broadbarred Firefish, <i>Pterois antennata</i>	Scorpaenidae	A	
Margin: Reef Manta Ray, <i>Mobula alfredi</i>	Myliobatidae	Z		
False Moorish Idol (Pennant Fish), <i>Heniochus diphreutes</i>	Chaetodontidae	Z		
UL: Unidentified school of fish swimming LT to RT		Z		
BT CTR: Emperor Angelfish, <i>Pomacanthus imperator</i>	Pomacanthidae	Z		

**2018 March 15** (Giant Manta) MS/4, SS/1

4055a 22r	<i>Mobula birostris</i> , tail at UR	Myliobatidae	A	
4055b 22r	<i>Mobula birostris</i> , tail at LL	Myliobatidae	A	
4055c 22r	<i>Mobula birostris</i> , tail at UL	Myliobatidae	A	
4055d 22r	<i>Mobula birostris</i> , tail at LR	Myliobatidae	A	
4070 70r	Giant Manta, <i>Mobula birostris</i>	Myliobatidae	A	SS
Margin LT: Giant Manta (2), <i>Mobula birostris</i>	Myliobatidae	SS	Z	

**2018, March 15** (Sharks)

4056a 22r	Atlantic Sharpnose Shark, <i>Rhizoprionodon terraenovae</i>	MS/4 SS/1	Carcharhinidae	A
22r	Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	A	
4056b 22r	Pacific Angelshark, <i>Squatina californica</i>	Squatinae	A	
4056c 22r	Scalloped Hammerhead, <i>Sphyrna lewini</i>	Sphyrnidae	A	
	Picked Dogfish, <i>Squalus acanthias</i>	Squalidae	A	
	Coral Catshark, <i>Atelomyxerus marmoratus</i>	Scyliorhinidae	A	
4056d 22r	Dwarf Lantern Shark, <i>Etmopterus perryi</i>	Etmopteridae	A	
	Japanese Sawshark, <i>Pristiophorus japonicus</i>	Pristiophoridae	A	
	U/I shark in background		U	
4071 70r	Oceanic Whitetip Shark (2), <i>Carcharhinus longimanus</i>	Carcharhinidae	A	
	Pilotfish (8), <i>Naucrates ductor</i>	Carangidae	B	
Margin LR: Pilotfish, <i>Naucrates ductor</i>	Carangidae	Z		

**MALDIVES (continued)**

RT: Oceanic Whitetip Shark (4), <i>Carcharhinus longimanus</i>		Carcharhinidae	Z
Attacking sailors at sinking of USS Indianapolis (WWII)			
<b>2018 May 10</b> (Indian Ocean Wildlife) MS/4			
4078d	20r	Whale Shark, <i>Rhincodon typus</i>	Rhincodontidae A
<b>2018 May 10</b> (Tropical Fish) (MS/4, SS/1)			
4084a	22r	Clarion Angelfish, <i>Holacanthus clarionensis</i>	Pomacanthidae A
4084b	22r	Boeseman's Rainbowfish, <i>Melanotaenia boesemani</i>	Melanotaeniidae A
4084c	22r	Japanese Angelfish, <i>Centropyge interrupta</i>	Pomacanthidae A
4084d	22r	Candy Basslet, <i>Liopropoma carmabi</i>	Serranidae A
4099	70r	Oscar, <i>Astronotus ocellatus</i>	Cichlidae A
Margin LR: Siamese Fighting Fish, <i>Betta splendens</i> , red, blue, orange		Osphronemidae	Z
LL: Siamese Fighting Fish, <i>Betta splendens</i> , red		Osphronemidae	Z
<b>2018 May 10</b> (Endangered Species, Hawksbill Sea Turtle) SS/1			
4094	Margin:	Atlantic Bluefin Tuna, <i>Thunnus thynnus</i>	Scombridae Z

**MARSHALL ISLANDS 2020 November 30** (Starfish) Sht/4 & SS/1

1293a	\$2	Stylized U/I reef fish in background of stamp	S
1293b	\$2	Same design	S
1293c	\$2	Same design	S
1293d	\$2	Same design	S
1293	Margin BT:	Stylized U/I reef fish	Z
1293	SS/1	\$5 Stylized U/I reef fish in background of stamp	S
Margin BT:		Stylized U/I reef fish	Z

**2020 November 30** (Sea Turtles) Sht/4 & SS/2

1295	Sht/4	Margin LL: Blue chromis, <i>Chromis cyanea</i>	Pomacentridae Z
		LL: Regal Angelfish, <i>Pygoplites diacanthus</i>	Pomacentridae Z
		LL: Orange-lined Triggerfish, <i>Balistapus undulatus</i>	Balistidae Z
		LL: Elegant Unicornfish, <i>Naso elegans</i>	Acanthuridae Z
		UR: Bluecheek butterflyfish, <i>Chaetodon semilarvatus</i>	Chaetodontidae Z
		CT: Bicolor chromis, <i>Chromis margaritifer</i>	Pomacentridae Z
		Other U/I reef fish	Z
1296	SS/2	Margin UR: Regal Angelfish, <i>Pygoplites diacanthus</i>	Pomacentridae Z
		School of Sergeant-major, <i>Abudefduf saxatilis</i>	Pomacentridae Z
		LL: Orange-lined Triggerfish, <i>Balistapus undulatus</i>	Balistidae Z
		Indian Ocean Oriental Sweetlips, <i>Plectorhinchus vittatus</i>	Haemulidae Z
		Other U/I reef fish	Z

**MOROCCO 2020 September 29** (Children's Art) strip/4

1289a	3.75d	Children's depiction on theme of plastic pollution w/stylized U/I fish	S
1289b	3.75d	Same theme as Sc# 1289a	
1289c	3.75d	Same theme as Sc# 1289a	
1289d	3.75d	Same theme as Sc# 1289a	

**NEW CALEDONIA 2021 May 6** (New Caledonia Society for Safeguarding of Nature, 50y) Single, label

1276	260fr	UR: Stylized U/I fish	S
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**PALAU 2020 November 30** (Sea Turtles) Sht/4 & SS/2

1465	SS/2	Margin LL: Sergeant-major, <i>Abudefduf saxatilis</i>	Pomacentridae Z
		Left of stamp: Threadfin Butterflyfish, <i>Chaetodon auriga</i> (two)	Chaetodontidae Z
		Other U/I reef fish	Z

<b>RUSSIA</b>		<b>2021 May 11</b> (Technical Achievements)	Sht/4	
8258d	24r	Submarine w/Stylized fish		S
<b>SAUDI ARABIA</b>		<b>2020 November 5</b> (G20 Summit, Riyadh)	Set/4	
1481	3r	Safeguarding the planet, U/I reef fish		C
1484	3r	Realizing opportunities for 21st century, U/I reef fish		C
<b>SEYCHELLES</b>		<b>2019 October 2</b> (Mohandas Gandhi and Flag of Seychelles)	Single	
907	5r	Stylized Indo-Pacific Sailfish (2) on coat of armor, <i>Istiophorus gladius</i>		C
<b>SIERRA LEONE</b>		<b>2018 May 30</b> (Sharks)	MS/4 & SS/1	
4800a	9800le	Oceanic Whitetip Shark, <i>Carcharhinus longimanus</i>	Carcharhinidae	A
4800b	9800le	Great Hammerhead Shark, <i>Sphyrna mokarran</i>	Sphyrnidae	A
4800c	9800le	Shortfin Mako Shark, <i>Isurus oxyrinchus</i>	Lamnidae	A
4800d	9800le	Sand Tiger Shark, <i>Carcharias taurus</i>	Odontaspidae	A
4800	Margin UL: tail of U/I shark			Z
	LR: head of U/I shark			Z
4818	40000le	Great White Shark, <i>Carcharodon carcharias</i>	Lamnidae	A SS
	Margin UL: U/I school of fish			SS Z
	LR: Great White Shark chasing otter			SS Z
		<b>2018 May 30</b> (International Year of the Reef)	(Sht/4 & SS/1)	
4819a	9800le	Pink Anemonefish, <i>Amphiprion perideraion</i>	Pomacentridae	A
4819b	9800le	Red-toothed Triggerfish, <i>Odonus niger</i>	Balistidae	Z
4819c	9800le	Clown Triggerfish, <i>Balistoides conspicillum</i>	Balistidae	Z
4819d	9800le	Elegant Firefish, <i>Nemateleotris decora</i>	Gobiidae	A
4819	Margin UR: Stylized U/I fish swimming through sheet title			Z
	UL: Blue Green Damsel, <i>Chromis viridis</i>		Pomacentridae	Z
	LL: Gray Angelfish, <i>Pomacanthus arcuatus</i>		Pomacentridae	Z
	BT: Tomato Clownfish, <i>Amphiprion frenatus</i>		Pomacentridae	Z
	RT: Orange-lined Triggerfish, <i>Balistapus undulatus</i>		Balistidae	Z
4820	40000le	White-banded Triggerfish, <i>Rhinecanthus aculeatus</i>	Balistidae	B SS
	Margin UR: Stylized U/I fish swimming through sheet title			SS Z
	UL: Clown Anemonefish, <i>Amphiprion ocellaris</i>		Pomacentridae	SS Z
	UL: <i>Batoidea</i> sp.			SS Z
	LT: Bluegirdled Angelfish, <i>Pomacanthus navarchus</i>		Pomacentridae	SS Z
	BT: Goldbelly Damsel, <i>Pomacentrus auriventris</i>		Pomacentridae	SS Z
	LL: Yellow Tang, <i>Zebrasoma flavescens</i>		Acanthuridae	SS Z
		<b>2018 June 29</b> (Birds of Prey)	MS/4 & SS/1	
4837a	9800le	U/I fish in talons of Osprey		U
		<b>2018 June 29</b> (Fish)	MS/4 & SS/1	
4839a	9800le	Clown Triggerfish, <i>Balistoides conspicillum</i>	Balistidae	A
4839b	9800le	Banggai cardinal fish, <i>Pterapogon kauderni</i>	Apogonidae	A
4839c	9800le	Moorish Idol, <i>Zanclus cornutus</i>	Zanclidae	A
4839d	9800le	Red Lionfish, <i>Pterois volitans</i>	Scorpaenidae	A
4859	40000le	White-banded Triggerfish (2), <i>Rhinecanthus aculeatus</i>	Balistidae	A SS
	Margin UL: Palette surgeonfish, <i>Paracanthurus hepatus</i>		Acanthuridae	SS Z
	RT: Clown anemonefish (2), <i>Amphiprion ocellaris</i>		Pomacentridae	SS Z
		<b>2018 December 28</b> (Fishes)	(MS/4 & SS/1)	
5099a	9800le	Lattice Soldierfish, <i>Myripristis violacea</i>	Holocentridae	A
5099b	9800le	Lyretail Hogfish, <i>Bodianus anthioides</i>	Labridae	A



**SIERRA LEONE (continued)**

5099c	9800le	Pajama Cardinalfish, <i>Sphaeramia nematoptera</i>	Apogonidae	A
5099d	9800le	Square-spot Fairy Basslet, <i>Pseudanthias pleurotaenia</i>	Serranidae	A
5117	40000le	Common Dolphinfin, <i>Coryphaena hippurus</i>	Coryphaenidae	A SS
	Margin UR:	Lattice Soldierfish, <i>Myripristis violacea</i>	Holocentridae	SS Z
	RT:	Lyretail Hogfish, <i>Bodianus anthioides</i>	Labridae	SS Z
	LR:	Pajama Cardinalfish, <i>Sphaeramia nematoptera</i>	Apogonidae	SS Z

**SINGAPORE 2020 January 24** (People Taking Food from Singaporean Steamboat) Single

2020	\$8	Stylized U/I fish on plate	S
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**SPAIN 2020 July 13** (Grilled Sardines from Malaga) Single

4456	€2	Cooked sardines (6) over flame, species unknown	UA
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**2021 March 18** (Garbage Can for Disposal of COVID-19 Material) Single

4495	€5	LL/LR: Stylized fish	CS
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**SRI LANKA 2020 February 3** (World Wetlands Day) Set/10 & 2/labels

2214-2223	15r	Stylized U/I fish as part of pond lily design on each stamp	S
2217a		Souvenir sheet of 4, # 2214-2217	S
	Margin LT:	Stylized U/I fish as part of pond lily design in margin	Z
2219a		Souvenir sheet of 2, #2218-2219	S
	Margin:	Same as #2217a	Z
2223a		Souvenir sheet of 4, #2220-2223	S
	Margin:	Same as #2217a	Z
2223b	Sht/10	LL: Stylized U/I fish in beak of heron in margin	Z

**2020 March 3** (Endangered Species) Set/20

2244	15r	Common Thresher shark, <i>Alopias vulpinus</i>	Alopiidae	A
2245	15r	Yellow Seahorse, <i>Hippocampus kuda</i>	Syngnathidae	A
2246	15r	Snakehead, <i>Channa argus</i> (ara)	Channidae	A

**ST. PIERRE & MIQUELON 2020 March 16** (Fishing Boat Le Viking) Single

1089	€1.45	UL: Stylized Cod (?), <i>Gadus morhua</i>	Gadidae	B
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**ST. THOMAS & PRINCE ISLANDS 2017 July 20** (Fish) MS/4 /8+label

3386a	31000d	Tench, <i>Tinca tinca</i>	Tincidae	A
3386b	31000d	Atlantic Salmon, <i>Salmo salar</i>	Salmonidae	A
3386c	31000d	Common Carp, <i>Cyprinus carpio</i>	Cyprinidae	A
3386d	31000d	Redtail Catfish, <i>Phractocephalus hemioliopterus</i>	Pimelodidae	A
3404	124000d	Northern Pike, <i>Esox lucius</i>	Esocidae	A

**SWEDEN 2021 January 14** (Fish) Vert. strip/5, Bklt/10

2869b	12k	Drawing of Hisings Vertical Lift Bridge, stylized U/I fish tails from #2869c at BT	S
2869c	12k	UR: line drawing of U/I stylized fish (2)	S
2869f	Bklt	Pane of 10 (2 each of #2869a-e)	

**TAJIKISTAN 2021 April 1** (Hunting and Fishing) Set/3

541	5.80s	Fisherman catching stylized U/I fish with rod	S
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**THAILAND 2020 January 11** (Children's Day) Set/4

3090	3b	Stylized Goldfish in bowl, <i>Carassius auratus</i>	Cyprinidae	S
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**2020 September 21** (Betta Splendens) Set/2 & SS/2

3112	5b	Siamese Fighting Fish, <i>Betta splendens</i> (Red/White/Blue color)	Osphronemidae	A
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**THAILAND (continued)**

3113	5b	Same, Orange/Yellow color		
3114	5b	Same as Sc# 3112, facing LT		
3115	5b	Same as Sc# 3113, facing RT		
3113a	SS/2	Sc# 3112-3113	Osphronemidae	A
		MarginUR: Fish as in Sc# 3114		
3115a	SS/2	Sc# 3114-3115	Osphronemidae	A
		MarginUL: Fish as in Sc# 3114		

**2021 January 4 (New Year – Year of Ox) Single**

3127	3b	Ox w/fishing pole and stylized fish		U
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**TUVALU****2020 September 30 (Marine Shrimp) Sht/5 & SS/2**

1464	SS/2	MarginLL: U/I shark species		U
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**2020 November 30 (Manta Rays; all Stylized) Sht/5 & SS/2**

1488a	\$2	Giant Manta, <i>Mobula birostris</i> and sea floor	Myliobatidae	A
1488b	\$2	Reef Manta Ray, <i>Mobula alfredi</i> (underside)	Myliobatidae	A
1488c	\$2	Giant Manta, <i>Mobula birostris</i> (underside)	Myliobatidae	A
1488d	\$2	Reef Manta Ray, <i>Mobula alfredi</i> and sea floor	Myliobatidae	A
1488e	\$2	Giant Manta, <i>Mobula birostris</i> (side view)	Myliobatidae	A
1488	Sht/5	MarginUR/LR/LL: Stylized fish		Z
1489a	SS/2	\$4 Giant Manta, <i>Mobula birostris</i> (denomination in black)	Myliobatidae	A
1489b	SS/2	\$4 Giant Manta, <i>Mobula birostris</i> (denomination in white)	Myliobatidae	A
1489	SS/2	MarginUR/LR/LL: Stylized fish		Z

**2020 September 30 (Jellyfish) Sht/5 & SS/2**

1490	Sht/5	MarginUR: Stylized fish		Z
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**2020 September 30 (Sea Turtles) Sht/4 & SS/2**

1492	Sht/4	MarginUR: Sergeant-major, <i>Abudefduf saxatilis</i> (Stylized)	Pomacentridae	SZ
		BT: Orange Clownfish, <i>Amphiprion percula</i>	Pomacentridae	SZ
		LL/LR: Yellow tang, <i>Zebrasoma flavescens</i>	Acanthuridae	SZ
		BT: Clown Triggerfish, <i>Balistoides conspicillum</i>	Balistidae	SZ
1493	SS/2	Margin: Regal Angelfish (School of 6), <i>Pygoplites diacanthus</i>	Pomacentridae	Z
		Bleeker's Parrotfish(?), <i>Chlorurus bleekeri</i>	Scaridae	Z
		LL: Twoband Clownfish, <i>Amphiprion bicinctus</i>	Pomacentridae	Z

**VIET NAM****2020 November 14 (Kingfishers – birds) Set/3, Bklt/10, SS/1**

3696	4000d	Black-backed Kingfisher, <i>Cayx erithaca</i> w/UI fish in beak		U
3699	SS/1	Margin: Black-capped Kingfisher, <i>Halcyon pileata</i> w/UI fish in beak		Z



## MARINE INVERTEBRATES

Editor

Peter Voice, BU1863



### New Listings

**Scott# Denom Common Name/Scientific Name Family/Subfamily Code**  
This list compiles every marine invertebrate and select freshwater and terrestrial invertebrates (snails, land crabs, etc.) published in the Linn's Stamp News Updates from the August 2021 to the October 2021 issue.

#### ANTIGUA 2020 May 20 (Spotted Cleaner Shrimp) Set/4 + SS

3580a-d	various	Spotted Cleaner Shrimp, <i>Periclemes yucatanicus</i>	Palaemonidae	A
3581	\$14	Spotted Cleaner Shrimp, <i>Periclemes yucatanicus</i>	Palaemonidae	A

#### 2020 May 20 (Sea Shells) Set/6 + SS

3582a-f	various	Various unnamed shells	Various	S
3583	\$14	Conch shell – species indeterminate	Indeterminate	S

#### BELGIUM 2021 March 15 (Jellyfish in the North Sea) Set/5

2943a	€1.07	Barrel Jellyfish, <i>Rhizostoma pulmo</i>	Rhizostomatidae	A
2943b	€1.07	Clinging Jellyfish, <i>Gonionemus vertens</i>	Olindiidae	A
2943c	€1.07	Compass Jellyfish, <i>Chrysaora hysoscella</i>	Pelagiidae	A
2943d	€1.07	Blue Jellyfish, <i>Cyanea lamarckii</i>	Cyaneidae	A
2943e	€1.07	Moon Jellyfish, <i>Aurelia aurita</i>	Ulmaridae	A

#### DJIBOUTI 2020 July 27 (Fossils\*) Set/4 + SS

2215b	250fr	<i>Triceratops horridus</i> and ammonoid fossil	Uncertain	B
2215c	250fr	Ammonoid fossil	Uncertain	A
2215d	250fr	Trilobite	Uncertain	A
2226	1000fr	<i>Seymouria</i> (fossil amphibian) – margin on right and lower sides has several trilobite fossils, an ammonoid fossil and a photograph of a slab of rock with several graptolite fossils		Z

#### DOMINICA 2020 November 18 (Wildlife of Dominica) Set/6 + SS

2814a, 2821a	5c	Black Land Crab, <i>Gecarcinus ruricola</i>	Gecarcinidae	A
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#### LIECHTENSTEIN 2021 March 1 (Europa Endangered Animals) Set/2

1834a	150rp	European Crayfish (Edelkrebs), <i>Astacus astacus</i>	Astacidae	A
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#### MARSHALL ISLANDS 2020 November 30 (Starfish) Set/4 + SS

1293a	\$2	Common Starfish, <i>Asterias rubens</i>	Asteriidae	A
1293b	\$2	Blue Seastar, <i>Linckia laevigata</i>	Ophidiasteridae	A
1293c	\$2	Giant Seastar, <i>Pisaster giganteus</i>	Asteriidae	A
1293d	\$2	Ochre Seastar, <i>Pisaster ochraceus</i>	Asteriidae	A
1294	\$5	Northern Pacific Seastar, <i>Asterias amurensis</i>	Asteriidae	A

#### 2020 November 30 (Sea Turtles) Set/4 + SS

1295a-d	\$2	Various Sea Turtles – margin of sheet has coral reef scene		Z
1296a	\$5	Sea Turtle – margin of sheet has coral reef scene		Z



<b>NEVIS</b>		<b>2020 November 2 (Starfish)</b>		Set/5 + SS	
2008a	\$4.50	Crown of Thorns Starfish, <i>Acanthaster planci</i>	Acanthasteridae	A	
2008b	\$4.50	Granulated Sea Star, <i>Choriaster granulatus</i>	Oreasteridae	A	
2008c	\$4.50	Ochre Sea Star, <i>Pisaster ochraceus</i>	Asteriidae	A	
2008d	\$4.50	Giant Spined Star, <i>Pisaster giganteus</i>	Asteriidae	A	
2008e	\$4.50	Egyptian Sea star, <i>Gomophia egyptiaca</i>	Ophidiasteridae	A	
2009	\$14	Blue starfish, <i>Linckia laevigata</i>	Ophidiasteridae	A	
<b>NORFOLK ISLAND</b>		<b>2021 June 22 (Land Snails)</b>		Set/2 + SS	
1164	\$1.10	<i>Greenwoodoconcha nux</i>	Euconulidae	A	
1165	\$1.10	<i>Duritropis albocarinata</i>	Assimineidae	A	
1165a		Souvenir sheet of 2, #1164 and 1165			
<b>PALAU</b>		<b>2020 November 30 (Turtles of the Sea)</b>		Set/6 (2 SS)	
1465a-b	\$3	Margin of souvenir sheet shows underwater scene with fish, corals, a starfish		Z	
<b>TUVALU</b>		<b>2020 September 30 (Marine Shrimp)</b>		Set/7 (2 SS)	
1463a	\$2	Mantis Shrimp, Stomatopoda, Species not labeled	Indeterminate	A	
1463b	\$2	Bumblebee Shrimp, <i>Ghathophyllum americanum</i>	Palaemonidae	A	
1463c	\$2	Peppermint Shrimp, <i>Lymata wurdemanni</i>	Lysmatidae	A	
1463d	\$2	Marbled Shrimp, <i>Saron marmoratus</i>	Hippolytidae	A	
1463e	\$2	Tiger Pistol Shrimp, <i>Alpheus bellulus</i>	Alpheidae	A	
1464a	\$4	Harlequin Shrimp, <i>Hymenocera picta</i>	Palaemonidae	A	
1464b	\$4	Spotted Cleaner Shrimp, <i>Periclimenes yucatanicus</i>	Palaemonidae	A	
		<b>2020 November 30 (Jellyfish)</b>		Set/7 (2 SS)	
1490a	\$2	Compass Jellyfish, <i>Chrysaora hysoscella</i>	Pelagiidae	S	
1490b	\$2	<i>Crossota</i> sp.	Rhopalonematidae	S	
1490c	\$2	Moon Jellyfish, <i>Aurelia aurita</i>	Ulmaridae	S	
1490d	\$2	Man-of-war, <i>Physalia physalis</i>	Physaliidae	S	
1490e	\$2	Cubozoa	Indeterminate	S	
1491a	\$4	Lion's Mane Jellyfish, <i>Cyanea capillata</i>	Cyaneidae	S	
1491b	\$4	Barrel Jellyfish, <i>Rhizostoma pulmo</i>	Rhizostomatidae	S	
		<b>2020 November 30 (Sea Turtles)</b>		Set/6 (2 SS)	
1492a-d	\$2	Margin of Souvenir sheet has stylized corals	Indeterminate	S	
1493a-b	\$4	Margin of Souvenir sheet has coral reef scene	Various species	Z	

\*The Djibouti Fossils Set has several stamps or marginal features that focus on fossil marine invertebrates.

## Resources

As I have only started exploring the world of marine life on stamps, I have been looking for resources covering stamps that show marine invertebrates and decided for this column to include a list of resources that you might take a look at. Sadly, most of the books I came across are out of print – but may be available on ebay or abebooks. Here is a small list of books, other types of publications and websites organized by taxa:

## Brachiopods

G. Bouno did a poster presentation at the 18th International Brachiopod Congress on brachiopods on stamps, which is available at Researchgate for viewing and downloading ([https://www.researchgate.net/publication/327579756\\_Famous\\_brachiopods\\_part\\_3\\_Brachiopods\\_in\\_Philately\\_Buono\\_G\\_2018\\_-](https://www.researchgate.net/publication/327579756_Famous_brachiopods_part_3_Brachiopods_in_Philately_Buono_G_2018_-)

[\\_Poster\\_ - 8IBC](#)). His poster presentation included a survey of fossil brachiopods on stamps as well as listed several stamps depicting biologists who worked on brachiopod research.

### Bryozoans

In a 2012 article in the International Bryozoology Association Bulletin is a short article on the few Bryozoan species and bryozoologists depicted on stamps. Reference: Vavra, N., 2012, Bryozoa and Bryozoologists on (official) postage stamps, International Bryozoology Association Bulletin 8(3). Pages 21 and 22 in the pdf here: [http://bryozoa.net/iba/files/IBA\\_Bull\\_8\(3\).pdf](http://bryozoa.net/iba/files/IBA_Bull_8(3).pdf).

### Crustaceans (Arthropoda)

[https://oasis.repo.nii.ac.jp/index.php?](https://oasis.repo.nii.ac.jp/index.php?action=pages_view_main&active_action=repository_action_common_download&item_id=488&item_no=1&attribute_id=22&file_no=1&page_id=13&block_id=21)

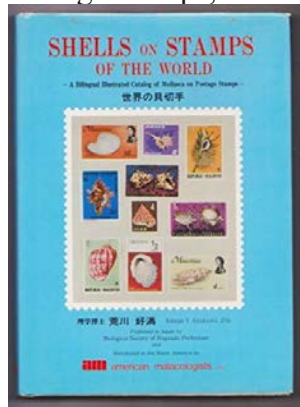
[action=pages\\_view\\_main&active\\_action=repository\\_action\\_common\\_download&item\\_id=488&item\\_no=1&attribute\\_id=22&file\\_no=1&page\\_id=13&block\\_id=21](https://oasis.repo.nii.ac.jp/index.php?action=pages_view_main&active_action=repository_action_common_download&item_id=488&item_no=1&attribute_id=22&file_no=1&page_id=13&block_id=21) The National Institute of Informatics of Japan has archived a checklist with annotations and illustrations for stamps showing crustaceans. Coverage is from 1871 to 2002. This article was published in 2014: Omori, M., 2014, Crustaceans on Postage Stamps from 1871 through 2002: The Complete Checklist, Journal of the Tokyo University of Marine Science and Technology, 10:40-86. There also appears to be several other articles written by Omori (+/- other coauthors) that cover the same temporal range of issues but with fewer number of philatelic items.

This site focuses on fiddler crabs and lists 41 stamps that depict them:

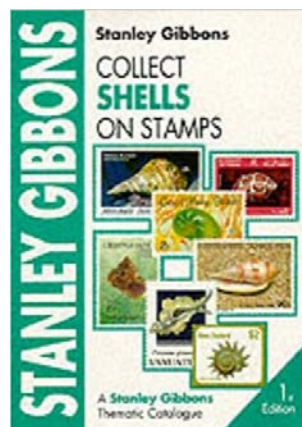
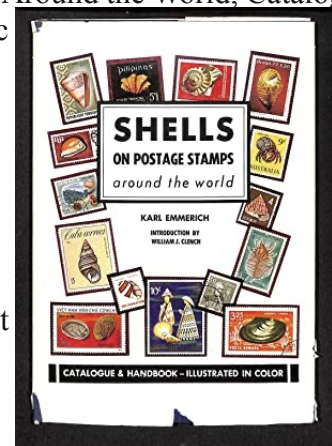
[https://www.fiddlercrab.info/uca\\_art\\_stamps.html](https://www.fiddlercrab.info/uca_art_stamps.html).

### Mollusks

Arakawa, K.Y., 1979, Shells on Stamps of the World: A Bilingual Illustrated Catalog of Mollusca on Postage Stamps, American Malacologists, Incorporated, 234 p with 16 plates. Text in Japanese with some English (species names, figure captions primarily). One of the abebooks listings notes that this volume covers 1,500+ stamps from 144 countries and that it focuses on the phylum Mollusca. It has 14 color plates focusing on stamps, 2 plates of Japanese postmarks focusing on mollusks, and gray-scale images of stamps scattered through the rest of the volume. I have seen references to a second edition and some listings list the publication year as 1980.



Emmerich, K., 1980, Shells on Postage Stamps Around the World, Catalog and handbook illustrated in Color, Topical Philatelic Publishers, 110 p. Has several pages of color plates – that include a variety of philatelic material including some examples of first day covers, maxi-cards, etc.



Aggersberg, D., 1995, Collect Shells on Stamps, Stanley Gibbons Thematic Catalog, 1st edition, 208 p. The introductory text at the beginning describes what was considered thematically relevant versus issues that were not. Extensively illustrated – but the illustrations are in grayscale. (Note, I have also seen this attributed to R.T. Walker and not to Aggersberg – as the volume has multiple listings on Amazon).

Ernst, H. U. and Klug, C., 2011, Perlboote und Ammonshörner weltweit: Die Welt der Kopffusser und ihr Spiegelbild in der Philatelie (Nautiloids and Ammonites worldwide: The

world of Cephalopods and their Reflection in Philately, Friedrich Pfeil, 224 p. An extensively illustrated volume that shows pictures of fossils and their corresponding stamps. It also has a section on the modern Nautiloid. The text is bilingual in both German and English.

<https://www.conchology.be/?t=43> has a catalog of Mollusk stamps through the end of 2007 – and as far as I can tell is the most recent compilation of issues in one place. It consists of 2 excellently illustrated collections – the Tom Walker collection which goes through 2007 and is organized by country. The second compilation is the Philippe Poppe Collection which goes through 2000 – it is organized by year and then by country.

An interesting article on Brazilian stamps depicting mollusks:

[https://www.researchgate.net/publication/287195003\\_Mollusks\\_on\\_Brazilian\\_postage\\_stamps](https://www.researchgate.net/publication/287195003_Mollusks_on_Brazilian_postage_stamps) Salvador et al., 2015, Mollusks on Brazilian postage stamps, Strombus, 22(1-2): 19-28 [note researchgate is free to register for – and articles can be downloaded for free or read on the platform).

Another article focusing on cone shells:

[https://www.researchgate.net/publication/236344095\\_Cone\\_Shells\\_on\\_Stamps](https://www.researchgate.net/publication/236344095_Cone_Shells_on_Stamps).

The 2nd quarter issue of APS's Philatelic Literature Review for 2021 cites several new acquisitions in their collection focused on the topic of Mollusks and shells on stamps, including:

Rice, Tom A., 1996, A Checklist of Mollusks on Postage Stamps, Of Sea and Shore Publications, Gamble, WA [HE6183.S545 R495c 1996]

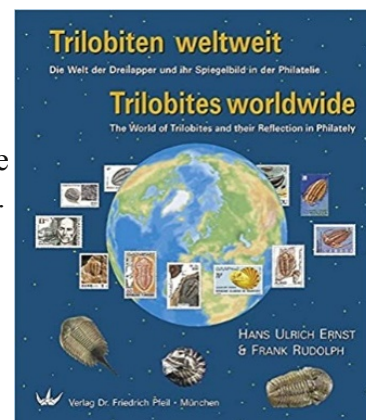
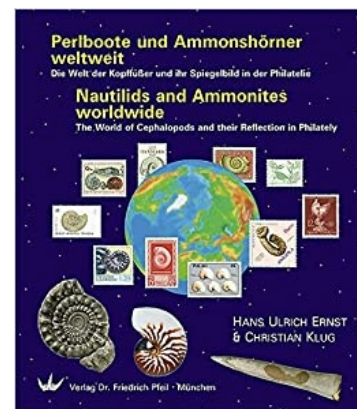
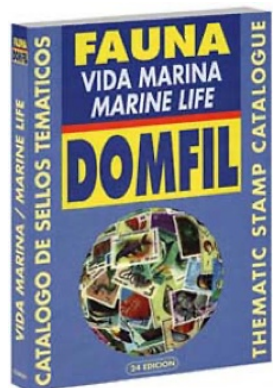
Touw, C. 1999, Shells, Detail Topical Stamp Catalogues, Groningen, Netherlands [HE6183.S545 B424s]

### Trilobites (Arthropoda)

Ernst, H. U. and Rudolph, F., 2002 Trilobiten weltweit – Die Welt der Dreilapper und ihr Spiegelbild in der Philatelie (Trilobites worldwide – the World of Trilobites and their Reflection in Philately, Friedrich Pfeil, 118 p. This book is bilingual with text in side-by-side columns in both German and English. Extensively illustrated with both pictures of fossil specimens and the corresponding stamps showing the same species.

### General Marine Life

Domfil has also historically done a catalog of marine life stamps – the 24th edition was published in 1997 and is a multi-lingual reference (text in Spanish, French, German, and English). Issues are referenced to the Michel and Scott catalogs. Newly printed versions of this edition are still available for sale at Domfil's website for 40 euros + shipping. The used issue I purchased had images that were in grayscale – I am not sure if new copies are in color or not (other Domfil catalogs, like the Prehistoric Animals catalog are available in color).



<http://www.microscopy-uk.org.uk/mag/indexmag.html> <http://www.microscopy-uk.org.uk/mag/artmar13/dw-diatom-stamps.html> While the focus is on tiny diatoms on stamps – single-celled eukaryotes that live pretty much everywhere (in marine waters, in freshwaters, in soil, and even on glacial ice!), several of the stamps show tiny arthropod zooplankton including krill. The same site has



another page that focuses on plankton on stamps in general:

<http://www.microscopy-uk.org.uk/mag/indexmag.html?http://www.microscopy-uk.org.uk/mag/artjan18/dw-plankton-stamps.html>.

### Some Upcoming Issues that may be of interest:

On October 9th, Thailand is issuing a set of stamps focusing on crabs. *Terrapotamon thungwa* is a terrestrial crab found in the karst forests of Peninsular Thailand. The species has been observed in cave systems (<http://novataxa.blogspot.com/2017/08/terrapotamon-thungwa.html>). *Terrapotamon longitarsus* is another terrestrial crab found in the hills of Satun Province in Peninsular Thailand (<http://novataxa.blogspot.com/2017/08/terrapotamon-thungwa.html>). *Tubuca rosea* is a species of fiddler crab found in the Bay of Bengal and in the coastal waters around northern Indonesia, Singapore, Malaysia and Thailand. They live in the upper intertidal zone around the roots of mangroves. They also create burrows to live in (<http://www.wildsingapore.com/wildfacts/crustacea/crab/ocypodoidea/rosea.htm>). The last species depicted is *Mictyris thailandensis*, a type of soldier crab that lives in the intertidal zones of beaches along the Andaman coast of Thailand (see Davies et al., 2013 in Zootaxa 3686(1): p. 65-76).

## ISRAEL'S STEINHARDT NATURAL HISTORY MUSEUM ISSUE

Additions and corrections from correspondence with Dr Ariel Leib Leonid Friedman, Coleoptera Collection Manager at the Steinhardt Museum in Tel Aviv.. He was involved in the preparation of this issue.

Left Box, in margin:

- |  |                      |
|--|----------------------|
| 1. Yellow-chest Carpenter Bee, <i>Xylocopa pubescens</i> Spinola     | API, Xylocopinae     |
| 2. Red-winged Grasshopper, <i>Oedipoda miniata</i> Pallas            | ACR, Oedipodinae     |
| 4. Striped Shield Bug, <i>Graphosoma lineata</i> L.                  | PEN, Podopinae       |
| 8 Grasshopper, Not <i>Truxalis</i> sp.                               | Acrididae            |
| 13. Singing Cicada, <i>Cicadetta musiva</i> Germar                   | CICA, Cicadettinae   |
| 15. Great Diving Beetle, <i>Dytiscus marginalis</i> L.               | DYT, Dytiscinae      |
| 16. Obese Bush-Cricket, <i>Isophya savigni</i> Brunner von Wattenwyl | TET, Phaneropterinae |

Right Box, in margin:

- |   |                     |
|---|---------------------|
| 6. <i>Certallum ebulinum</i> L.                                 | CER, Cerambycinae   |
| 8. <i>Carabus impressus</i> Panzer                              | CAR, Carabinae      |
| 13. Middle Eastern Jewel Beetle, <i>Steraspis squamosa</i> Klug | BUP, Chrysochroinae |



## ENTOMOLOGY

### Editors

Don Wright BU 243  
and Jose Reis BU 1889



### New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
<b>AUSTRALIA</b>				
	\$2.20	Giant Prickly Stick Insect, <i>Extatosoma tiaratum</i> Macleay	PHA, Extatosomatinae	A
<b>AUSTRIA</b>				
	2x275c	COVID-19 and elephant	-	
	Margin UL:	Stylized Insect & stylized Fly	U/I & Diptera	Z
		<b>2021 August 2</b> (Gift to customers, not sold generally)		
	4x85c	32- page Booklet with 4 Insect stamps	U/I	A
	Bklt Cover:	Beautiful Demoiselle, <i>Calopteryx virgo</i> L.	CAL, Calopteryginae	A
<b>CANADA</b>				
	(92c)+10c	Many stylized Fireflies	Lampyridae	B
<b>CZECH REPUBLIC</b>				
	d, 23k	Mountain Alcon Blue, <i>Maculinea rebeli</i> Hirschke	LYC, Polyommatainae	A
	Margin UL:	Large Copper, <i>Lycaena dispar</i> Haworth	LYC, Lycaeninae	Z
	U-LL:	Tawny Silverline, <i>Cigaritis acamas</i> Klug	LYC, Theclinae	Z
	L-LL:	Marbled White, <i>Melanargia galathea</i> L.	NYM, Satyrinae	Z
	L-Bottom:	Berger's Clouded Yellow, <i>Colias alfacariensis</i> Ribbe	PIE, Coliadinae	Z
	M-Bottom:	Common Dor Beetle, <i>Odontaeus armiger</i> Scopoli	BOL, Bolboceratinae	Z
	LR:	Violet Oil Beetle, <i>Meloe violaceus</i> Marcham	MEL, Meloinae	Z
<b>DJIBOUTI</b>				
		<b>2021 August 30</b> (Stamperija DJB-210310a&b)		
	a, 330fr	Adonis Morpho, <i>Morpho marcus</i> Schaller	NYM, Morphinae	A
	b, 330fr	<i>Meandrusa sciron</i> Leech	PAP, Papilioninae	A
	c, 330fr	<i>Dasyophthalma creusa</i> Hubner. Also in UL margin	NYM, Morphinae	A Z
	Margin UR:	<i>Epicopeia philenora</i> Westwood	Epicopeidae	Z
	M-top:	<i>Epicopeia polydora</i> Westwood	Epicopeidae	Z
	1000fr	Alpine Apollo, <i>Parnassius phoebus</i> Fabr.	PAP, Parnassiinae	A
	Margin UL:	D'Urville's Birdwing, <i>Troides priamus durvillianus</i> Guerin-Meneville	PAP, Papilioninae	Z
	LL:	Eastern Festoon, <i>Allancastris cerisyi</i> Godart	PAP, Parnassiinae	Z
	UR:	Glassy Bluebottle, <i>Graphium cloanthus</i> Westwood	PAP, Papilioninae	Z
		<b>2021 September 8</b> (Stamperija DJB-210411a&b)		
	a, 330fr	<i>Coelioxys argenteus</i> Lepeletier	MEG, Megachilinae	A
	b, 330fr	Cloudy-winged Miner Bee, <i>Andrena nubecula</i> Smith	AND, Andreninae	A
	c, 330fr	Banded Miner Bee, <i>Andrena gravida</i> Imhoff	AND, Andreninae	A
	Margin:	White-sectioned Leafcutter Bee, <i>Megachile albisepta</i> Klug	MEG, Megachilinae	Z
	1000fr	Horned Mason Bee, <i>Osmia cornuta</i> Latreille	MEG, Megachilinae	A
	Margin UL:	Brown Bumblebee, <i>Bombus pascuorum</i> Scopoli	API, Apinae	Z
	Bottom:	<i>Osmia andrenoides</i> Spinola	MEG, Megachilinae	Z

**DJIBOUTI (continued)****2021 September 8** (Stamperija DJB-210412a&b)

a, 3x330fr Thick-tipped Greta Glasswing, *Greta morgane oto* Hewitson NYM, Danainae A  
 Also 2 in margin Z

b, 1000fr Thick-tipped Greta Glasswing, *Greta morgane oto* Hewitson, & in margin NYM, Danainae AZ

**GRENADA-CARRIACOU & PETITE MARTINIQUE 2021 October 11**

a-a, \$3.50. Red Admiral, *Vanessa atalanta* L. NYM, Nymphalinae A  
 a-b...a-h, \$3.50. Butterflies. Captions illegible NYM & PIE A  
 b-a, \$8. Cassius Blue, *Leptotes cassius* Cramer LYC, Polyommatainae A  
 b-b, \$8. Hanno Blue, *Hemiargus hanno* Stoll LYC, Polyommatainae A

**GUYANA****2021 September 1**

a-f, \$150, \$250, \$350, \$450, \$350, \$250. All captioned *Mantodea* MAN A  
 a&b, \$600 Orchid Mantis, *Hymenopus coronatus* Olivier HYM, Hymenopodinae A

**MACAO****2021 October 11**

2.50pa *Chlorophorus macaumensis* Chevrolat CER, Cerambycinae A  
 4pa 4-Spot Midget, *Mortonagrion hirosei* Asahina COE, Agriocnemidinae A  
 4.50pa *Toxorhynchites macaensis* Ribeiro CUL, Toxorhynchitinae A  
 6pa *Lychanuris analis* Fabr. Caption: Pyrocoelia LAM, Lamiinae A  
 14pa *Leptanilla macauensis* Leong et al. FOR, Leptanillinae A

Caption corrections: The various spellings of maca...ensis above are the corrected ones.

**NETHERLANDS****2021 August 17**

a, 1st. Common Pond Skater, *Gerris lacustris* L. Gerridae, Gerrinae A  
 j, 1st. 4-Spotted Skimmer, *Libellula quadrimaculata* L. LIB, Libellulinae A

**NORFOLK ISLAND****2021 September 14**

\$1.10. Norfolk Swallowtail, *Papilio amynthor* Boisduval PAP, Papilioninae A  
 \$2.20. Norfolk Island Gull, *Cepora perimale perimale* Donovan PIE, Pierinae A  
 S/T of 1 each of the above PAP & PIE A  
 Margin-M: Silhouette of Swallowtail, PAP, Papilioninae Z  
 L: *Cepora perimale perimale* Donovan, PIE, Pierinae Z

**PALAU****2020 November 30**

1463a&b, 2x\$3. Rabbits -  
 Margin R: Blue Butterfly LYC, Polyommatainae Z

**POLAND****2021 April 30** (Revised Data)

4541 3.30z. Brown Bumblebee, *Bombus pascuorum* Scopoli API, Apinae A  
 4542 3.30z. Western Honeybee, *Apis mellifera* L. API, Apinae A  
 4543 3.30z. *Halictus* sp. HAL, Halictinae A  
 4544 3.30z. Blood Bee, *Sphecodes* sp. HAL, Halictinae A  
 4545 3.30z. Metallic Bee, *Andrena metallescens* Cockerell AND, Andreninae A  
 4546 3.30z. Pantaloon Bee, *Dasypoda hirtipes* Fabr., ♀ MELT, Dasypodinae A

**ST. VINCENT-GRENADINES (CANOUAN) 2021 October 29**

LL: \$4. *Xylocopa* sp. API, Xylocopinae A  
 Bottom: \$5. *Bombus* sp. API, Apinae A  
 UR: \$4. *Megachile* sp. MEG, Megachilinae A  
 MR: \$5. Western Honeybee, *Apis mellifera* L. API, Apinae A



**ST. VINCENT-GRENADINES (continued)**

LR: \$6. Mining Bee	AND, Andreninae	A
Margin: <i>Bombus</i> sp.	API, Apinae	Z
\$14. Mason Bee	HAL, Halictinae	A

**UNITED NATIONS-GENEVA****2021 October 11** (UN Biodiversity Conference)

2fr Stylized beetle	Coleoptera	AS
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**UNITED STATES****2021 September 30** (Day of the Dead)

(58c). Butterfly hat on skull	Lepidoptera	B
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**BEYOND THE CATALOGS:****CENTRAL AFRICAN REPUBLIC****2021 August 10** (Stamperija CA-210403a&b)

a, 850fr New Guinea Stag Beetle, <i>Lamprima adolphinae</i> Gestro	LUC, Lampriminae	B
b, 850fr Blue-Black Dung Beetle, <i>Geotrupes stercorarius</i> L.	GEOT, Geotrupinae	B
c, 850fr European Rhinoceros Beetle, <i>Oryctes nasicornis</i> L.	SCA, Dynastinae	B
d, 850fr Magnificent Ladybird, <i>Coccinella magnifica</i> Redtenbacher	COC, Coccinellinae	B
3300fr <i>Chalcosoma chiron</i> Olivier, ♂	SCA, Dynastinae	B

**2021 August 10** (Stamperija CA-210412a&b).

b, 900fr Insect in bird's beak	U/I	C
3600fr Grasshopper in bird's beak	Acrididae	C

**2021 August 10** (Stamperija CA-210414a&b)

a, 900fr <i>Osmia adunca</i> Panzer	MEG, Megachilinae	A
b, 900fr Blue Mason Bee, <i>Osmia caerulea</i> L.	MEG, Megachilinae	A
c, 900fr <i>Hylaeus meridionalis</i> Foerster	COL, Hylaeinae	A
d, 900fr Large Garden Bumblebee, <i>Bombus ruderatus</i> Fabr.	API, Apinae	A
3600fr <i>Coelioxys aurolimbatus</i> Foerster	MEG, Megachilinae	A

Margin UL: Yellow Loose-strife Bee, *Macropis europaea* Warncke MELT, Dasypodinae ZLR: Orange-tailed Mining Bee, *Andrena haemorrhoa* Fabr. AND, Andreninae Z**2021 August 10** (Stamperija CA-210415a&b)

a, 850fr Scarce Swallowtail, <i>Iphiclide podalirius</i> L.	PAP, Papilioninae	A
b, 850fr Lorquin's Admiral, <i>Limenitis lorquini</i> Boisduval	NYM, Limenitidinae	A
c, 850fr Turquoise Blue, <i>Polyommatus dorylas</i> Denis & Schiffermuller	LYC, Polyommatae	A
d, 850fr Clouded Apollo, <i>Parnassius mnemosyne</i> L.	PAP, Parnassiinae	A
3300fr Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae	A

Margin UL: Southern Festoon, *Zerynthia polyxena* Denis & Schiffermuller PAP, Parnassiinae ZML: Large White, *Pieris brassicae* L. PIE, Pierinae ZLR: Monarch, *Danaus plexippus* L. NYM, Danainae Z**2021 August 10** (Stamperija CA-210427a&b)

a, 850fr Scouts & stylized Dragonfly	Odonata	C
3300fr Scouts. Margin L: Stylized Dragonfly	Odonata	C Z

**2021 August 30** (Stamperija CA-210514a&b)

a, 850fr Blue Underwing, <i>Catocala fraxini</i> L.	NOC, Catocalinae	A
b, 850fr <i>Eudocima imperator</i> Boisduval	NOC, Calpinae	A
c, 850fr Death's Head Hawkmoth, <i>Acherontia atropos</i> L.	SPH, Sphinginae	A
d, 850fr Great Peacock, <i>Saturnia pyri</i> Denis & Schiffermuller	SAT, Saturniinae	A
3300fr Silver-spotted Ghost, <i>Leto venus</i> Stoll	Hepialidae	A

**CENTRAL AFRICAN REPUBLIC (continued)**

Margin LL: Purple Tiger Moth, <i>Rhyparia purpurata</i> L.	ARC, Arctiinae	Z
UR: Hebe Tiger Moth, <i>Arctia festiva</i> Hufnagel	ARC, Arctiinae	Z
LR: <i>Rothschildia aurota</i> Cramer	SAT, Saturniinae	Z

**2021 August 30** (Stamperija CA-210515a&b)

a, 900fr <i>Chlorion lobatum</i> Fabr.	SPHE, Chloriontinae	A
b, 900fr Greater Banded Hornet, <i>Vespa tropica</i> L.	VES, Vespinae	A
c, 900fr <i>Stizus brevipennis</i> Walsh	CRA, Bembicinae	A
d, 900fr <i>Phimenes flavopictus</i> Blanchard	EUM, Eumeninae	A
3600fr <i>Stizus perrisi</i> Du Four	CRA, Bembicinae	A
Margin LL: <i>Chlorion lobatum</i> Fabr.	SPHE, Chloriontinae	Z
M-Top: <i>Phimenes flavopictus</i> Blanchard	EUM, Eumeninae	Z
UR: Greater Banded Hornet, <i>Vespa tropica</i> L.	VES, Vespinae	Z
LR: <i>Stizus nigriventris</i> Arnold	CRA, Bembicinae	Z

**CHAD****2021 September 1** (Stamperija TCH-210302a&b)

a, 1100fr <i>Coelonia solani</i> Boisduval	SPH, Sphinginae	A
b, 1100fr Dancing Acraea, <i>Acraea serena</i> Fabr.	NYM, Heliconiinae	A
c, 1100fr <i>Acraea zitja</i> Boisduval	NYM, Heliconiinae	A
Margin LL: Weidemeyer's Admiral, <i>Limenitis weidemeyerii</i> Edwards	NYM, Limenitidinae	Z
UM: Butterfly	Lepidoptera	U/I
LM: <i>Siderone galanthis</i> Cramer	NYM, Charaxinae	Z
R: <i>Acraea hova</i> Boisduval	NYM, Heliconiinae	Z
3300fr <i>Papilio hellanichus</i> Hewitson	PAP, Papilioninae	A
Margin UR: <i>Euchromia madagascariensis</i> Boisduval	ARC, Ctenuchinae	Z
M-Top: <i>Megachile basalis</i> Smith	MEG, Megachilinae	Z
LR: <i>Acraea hova</i> Boisduval	NYM, Heliconiinae	Z

**2021 September 1** (Stamperija TCH-210303a&b)

a, 1100fr <i>Banchus volutatorius</i> L.	ICH, Banchinae	A
b, 1100fr Purple Emperor, <i>Apatura iris</i> L.	NYM, Apaturinae	A
c, 1100fr Dark Green Fritillary, <i>Speyeria aglaja</i> L.	NYM, Heliconiinae	A
Margin L: Purple Emperor, <i>Apatura iris</i> L.	NYM, Apaturinae	Z
M: Dark Green Fritillary, <i>Speyeria aglaja</i> L.	NYM, Heliconiinae	Z
R: Purple-edged Copper, <i>Lycaena hippothoe</i> L.	LYC, Lycaeninae	Z
3300fr Hairy-saddled Colletes, <i>Colletes fodiens</i> Geoffroy	COL, Colletinae	A
Margin LL: Hat Hornet, <i>Apoica pallida</i> Olivier	VES, Polistinae	Z
UR: Small Emperor Moth, <i>Saturnia pavonia</i> L.	SAT, Saturniinae	Z
MR: Orange-spotted Emerald, <i>Oxygastra curtisii</i> Dale	CORD, Gomphomacromiinae	Z
LR: <i>Charonias eurytele</i> Hewitson	PIE, Pierinae	Z

**GUINEA-BISSAU****2021 October 5** (Stamperija GB-210313a&b)

a, 800fr <i>Megachile kerenensis</i> Friese, ♀	MEG, Megachilinae	A
b, 800fr <i>Megachile felina</i> Gerstaecker, ♀	MEG, Megachilinae	A
c, 800fr <i>Megachile fimbriata</i> Smith, ♀. Caption: caerulea	MEG, Megachilinae	A
d, 800fr <i>Megachile wahlbergi</i> Friese, ♀	MEG, Megachilinae	A
3300fr <i>Othinosmia schultzei</i> Friese, ♀	MEG, Megachilinae	A
Margin LL & LR: <i>Megachile fimbriata</i> Smith, ♀. Caption: caerulea	MEG, Megachilinae	Z

**2021 October 5** (Stamperija GB-210314a&b)

a, 800fr <i>Elaphrus riparius</i> L.	CAR, Elaphrinae	A
b, 800fr Sycophant, <i>Calosoma sycophanta</i> L.	CAR, Carabinae	A

**GUINEA-BISSAU (continued)**

c, 800fr Sawyer Beetle, <i>Macrodonia cervicornis</i> L.	CER, Prioninae	A
d, 800fr Violin Beetle, <i>Mormolyce phyllodes</i> Hagenbach	CAR, Lebiinae	A
3300fr <i>Chrysophora chrysochlora</i> Latreille	SCA, Rutelinae	A
Margin LL: European Stag Beetle, <i>Lucanus cervus</i> L.	LUC, Lucaninae	Z
UR: Fire-tipped Jewel Beetle, <i>Chrysochroa fulminans</i> Fabr.	BUP, Chrysochroinae	Z
LR: Southern Geat Diver, <i>Dytiscus dimidiatus</i> Bergstrasser	DYT, Dytiscinae	Z

**NIGER****2021 August 30** (Stamperija NIG-210316a&b)

b, 800fr Insect in bird's beak	U/I	C
3300fr Bee-eater bird, no insect	-	
Margin M-top: <i>Bombus</i> sp.	API, Apinae	Z

**2021 August 30** (Stamperija NIG-210318a&b)

a, 800fr Small Elephant Hawkmoth, <i>Deilephila porcellus</i> L.	SPH, Macroglossinae	A
b, 800fr Polyphemus Moth, <i>Antheraea polyphemus</i> Cramer. Cap: <i>Automeris io</i> SAT, Saturniinae	A	
c, 800fr Cinnabar Moth, <i>Tyria jacobaeae</i> L.	ARC, Arctiinae	A
d, 800fr Giant Leopard Moth, <i>Hypercompe scribonia</i> Stoll	ARC, Arctiinae	A
3300fr Luna Moth, <i>Actias luna</i> L.	SAT, Saturniinae	A
Margin UL: Oleander Hawkmoth, <i>Daphnis nerii</i> L.	SPH, Macroglossinae	Z
LL: Wasp Moth, <i>Amata hubneri</i> Boisduval	ARC, Ctenuchinae	Z
UR: Bedstraw Hawkmoth, <i>Hyles gallii</i> Rottemburg	SPH, Macroglossinae	Z

**2021 August 30** (Stamperija NIG-210319a&b)

a,b,d, 800fr <i>Anopheles</i> sp.	CUL, Anophelinae	C
3300fr <i>Anopheles</i> sp. Also in top margin	CUL, Anophelinae	C

**2021 September 30** (Stamperija NIG-210413a&b)

a, 800fr <i>Castnia palatinus</i> Cramer. At L	CAS, Castniinae	B
<i>Castnia icarus</i> Cramer. At R	CAS, Castniinae	B
b, 800fr Diva Moth, <i>Divana diva</i> Butler	CAS, Castniinae	A
c, 800fr <i>Eupalamides preissi</i> Staudinger	CAS, Castniinae	A
d, 800fr <i>Castnia invaria</i> Walker. At Top	CAS, Castniinae	B
<i>Castnia juturna</i> Hopffer. At Bottom	CAS, Castniinae	B
3300fr <i>Spilopastes galinthias</i> Hopffer	CAS, Castniinae	A
Margin UL: <i>Castnia schreiberii</i> Mikan	CAS, Castniinae	Z
LL: <i>Corybantes pylades</i> Stoll	CAS, Castniinae	Z
UR: <i>Castnia pellonia</i> H. Druce	CAS, Castniinae	Z

Many of the captions on these stamps are obsolete names. The above are the currently accepted names.

**2021 September 30** (Stamperija NIG-210414a&b)

a, 800fr <i>Trigona amalthea</i> Olivier. At UL	API, Apinae	B
Large-headed Resin Bee, <i>Heriades truncorum</i> L.. At LR	MEG, Megachilinae	B
b, 800fr European Wool-carder Bee, <i>Anthidium manicatum</i> L.	MEG, Megachilinae	A
c, 800fr Big Mining Bee, <i>Colletes daviesana</i> Smith	COL, Colletinae	A
d, 800fr <i>Melipona favosa</i> Fabr. At UR	API, Apinae	B
Large Scissor Bee, <i>Chelostoma florissomne</i> L. At LR	MEG, Megachilinae	B
3300fr European Wool-carder Bee, <i>Anthidium manicatum</i> L.	MEG, Megachilinae	A
Margin UL: <i>Dasypoda morawitzi</i> Radchenko	MELT, Dasypodinae	Z
M-Top: Big Mining Bee, <i>Colletes daviesana</i> Smith	COL, Colletinae	Z
UM: Perkins' Mining Bee, <i>Andrena rosae</i> Panzer	AND, Andreninae	Z
LM: Same species	AND, Andreninae	Z
LL: Large-headed Resin Bee, <i>Heriades truncorum</i> L.	MEG, Megachilinae	Z



**NIGER (continued)**

- UR: Large Scissor Bee, *Chelostoma florissomne* L. MEG, Megachilinae Z  
 LR: Great Golden Digger Wasp, *Sphex ichneumoneus* L. SPHE, Sphecinae Z

**RUSSIA-PETERPOST 2021 (Stamperija PETP-2108 & 2109)**

- 300r *Parnassius arctica* Eisner. In multiple formats PAP, Parnassiinae A

**ST. THOMAS & PRINCE IS. 2021 August 15 (Stamperija ST-210315a&b)**

- a, 31,000d Dazzling Glasswing, *Godyris duillia* Hewitson NYM, Danainae A  
 b, 31,000d Baltimore Checkerspot, *Euphydryas phaeton* Drury NYM, Nymphalinae A  
 c, 31,000d Eastern Black Swallowtail, *Papilio polyxenes* Fabr. PAP, Papilioninae A  
 d, 31,000d Tropical Milkweed Butterfly, *Lycoreia halia* Hubner NYM, Danainae A  
 124,000d Striped Blue Crow, *Euploea mulciber* Cramer NYM, Danainae A  
 Margin: Queen Swallowtail, *Papilio androgeus* Cramer PAP, Papilioninae Z

**2021 August 15 (Stamperija ST-210316a&b)**

- a, 31,000d. Gypsy Moth, *Lymantria dispar* L., LYM, Lymantriinae A  
 b, 31,000d Mopane Moth, *Gonimbrasia belina* Westwood SAT, Saturniinae A  
 c, 31,000d Oleander Hawkmoth, *Daphnis nerii* L. SPH, Macroglossinae A  
 d, 31,000d. Kentish Glory, *Endromis versicolora* L. Endromididae A  
 124,000d Cecropia Moth, *Hyalophora cecropia* L. SAT, Saturniinae A  
 Margin: Elephant Hawkmoth, *Deilephila elpenor* L. SPH, Macroglossinae Z

**2021 August 30 (Wasps) (Stamperija ST-210416a&b)**

- a, 31,000d *Gayella eumenoides* Spinosa \*MAS, Gayellinae A  
 b, 31,000d *Synagris analis* Saussure EUM, Eumeninae A  
 c, 31,000d *Eumenes* sp. EUM, Eumeninae A  
 d, 31,000d *Eumenes acuminatus* Saussure EUM, Eumeninae A  
 124,000d *Synagris abyssinica* Guerin EUM, Eumeninae A  
 Margin UL: *Entypus aratus* Townes POM, Pepsinae Z  
 UR: *Phimenes curvatus* Saussure EUM, Eumeninae Z  
 M: Wasp Vespoidea Z  
 MR: *Eumenes smithii* Saussure EUM, Eumeninae Z  
 LR: *Synagris huberti* Saussure EUM, Eumeninae Z

**2021 August 30 (Stamperija ST-210436a&b)**

- a-d, 4x31,000d *Anopheles* sp., Fight Malaria emblem CUL, Anophelinae S  
 c, 31,000d *Anopheles maculipennis* Meigen CUL, Anophelinae A  
 124,000d *Anopheles* sp., Fight Malaria emblem CUL, Anophelinae S  
 Margin UL: *Anopheles maculipennis* Meigen CUL, Anophelinae Z

**ST. VINCENT-GRENADINES (UNION IS.) 2021 October 29**

- a, \$3 Cabbage White, *Pieris rapae* L., PIE, Pierinae A  
 b, \$4 Monarch, *Danaus plexippus* L. NYM, Danainae A  
 c, \$5 Mourning Cloak, *Nymphalis antiopa* L. NYM, Nymphalinae A  
 d, \$3 Painted Lady, *Vanessa cardui* L. NYM, Nymphalinae A  
 e, \$4 Eastern Tiger Swallowtail, *Papilio glaucus* L., ♀ PAP, Papilioninae A  
 f, \$5 Spring Azure, *Celastrina ladon* Cramer LYC, Polyommatainae A  
 \$14 Small Tortoiseshell, *Nymphalis urticae* L. NYM, Nymphalinae A

**TOGO****2021 August 30 (Stamperija TG-210309a&b)**

- a, 800fr Wood Nymph, *Ideopsis juvena* Cramer NYM, Danainae A  
 b, 800fr Peacock Pansy, *Junonia almana* L. NYM, Nymphalinae A  
 c, 800fr Painted Day Moth, *Agarista agricola* Donovan NOC, Agaristinae A

**TOGO (continued)**

d, 800fr Color Sergeant, <i>Athyma nefte</i> Cramer	NYM, Limenitidinae	A
3300fr Big-eyed Jungle Lady, <i>Taenaris horsfieldi</i> Swainson	NYM, Morphinae	A
Margin ML: 2 Swallowtails	PAP, Papilioninae	Z
LL: Butterfly	Lepidoptera	Z
UR & LR: Kaiser-I-Hind, <i>Teinopalpus imperialis</i> Hope	PAP, Papilioninae	Z
<b>2021 August 30 (Stamperija TG-21310a&amp;b)</b>		
a, 800fr Black Cicada, <i>Cryptotympana atrata</i> Fabr.	CIC, Cicadinae	A
b, 800fr <i>Lethocerus indicus</i> Lepeletier & Serville	BEL, Lethocerinae	A
c, 800fr <i>Dysphania militaris</i> L., at UR	GEO, Geometrinae	B
<i>Episteme lectrix</i> L., at LL	NOC, Agaristinae	B
d, 800fr Lychee Longhorn Beetle, <i>Aristobia reticulator</i> Fabr., at Top	CER, Lamiinae	B
9-Spotted Capricorn Beetle, <i>Batocera rubus</i> L., at LL	CER, Lamiinae	B
Red Milkweed Beetle, <i>Tetraopes tetrophthalmus</i> Forster, at R	CER, Lamiinae	B
3300fr Atlas Moth, <i>Attacus atlas</i> L.	SAT, Saturniinae	A
Margin LL: <i>Euchromia polymena</i> L.	ARC, Ctenuchinae	Z
UR & LR: Milkweed Grasshopper, <i>Phymateus morbillosus</i> L.	PYRG, Pyrgomorphinae	Z
<b>2021 August 30 (Stamperija TG-210311a&amp;b)</b>		
a, 800fr Beautiful Demoiselle, <i>Calopteryx virgo</i> L.	CAL, Calopteryginae	A
b, 800fr Variable Damselfly, <i>Coenagrion pulchellum</i> Vander Linden	COE, Coenagrioninae	A
c, 800fr Hairy Dragonfly, <i>Brachytron pratense</i> Mueller	AES, Brachytroninae	A
d, 800fr Banded Demoiselle, <i>Calopteryx splendens</i> Harris	CAL, Calopteryginae	A
3300fr Large Darner, <i>Aeshna grandis</i> L.	AES, Aeshninae	A
Margin LL: Broad-bodied Chaser, <i>Libellula depressa</i> L.	LIB, Libellulinae	Z
R: Emperor Dragonfly, <i>Anax imperator</i> Leach	AES, Aeshninae	Z
<b>2021 August 30 (Stamperija TG-210312a&amp;b)</b>		
a, 800fr <i>Megachile bombiformis</i> Gerstaecker, ♂	MEG, Megachilinae	A
b, 800fr <i>Megachile cincta</i> Fabr., ♀	MEG, Megachilinae	A
c, 800fr <i>Megachile bombiformis</i> Gerstaecker, ♀	MEG, Megachilinae	A
d, 800fr Tri-colored Bumblebee, <i>Bombus ternarius</i> Say,	API, Apinae	A
3300fr <i>Megachile combusta</i> Smith, ♀	MEG, Megachilinae	A
Margin UR: <i>Megachile bombiformis</i> Gerstaecker, ♂	MEG, Megachilinae	Z
Bottom: <i>Megachile cincta</i> Fabr., ♀	MEG, Megachilinae	Z

\* New Family abbreviation: MAS = Masaridae

**SWITZERLAND****SWISS POST**

Date of issue: 06 May 2021

Scarce large blue

Designer: Nina Schwarz

Size: 40 × 32.5 mm

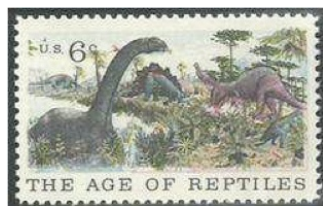
Postage value: CHF 1.00

Printing house: Gutenberg AG, Schaan (Fürstentum Liechtenstein)

The woodland brown (not participating) and the scarce large blue (participating) – two butterflies that could hardly be more different. But they do have one thing in common: both are classified as endangered species in Switzerland. The illustrations seek to highlight the delicate nature of these animals through a highly detailed and lifelike style. The meticulous presentation and vibrant background colours aim to catch the eye and emphasize the fact that the animals are under threat.

<https://europa2021.posteurop.org/#/europa2021/en>





# PALEONTOLOGY

Editor

Michael Kogan, BU 1863



## New Listings

Scott# Denom Common Name/Scientific Name Family/Subfamily Code

More details are here: [http://www.paleophilatelie.eu/description/stamps/italy\\_2021.html](http://www.paleophilatelie.eu/description/stamps/italy_2021.html)

---- Stamps of Stamperija, this time extremely many stamps are produced ----

### CENTRAL AFRICAN REPUBLIC 2021 August 30 (Prehistoric Humans) M/S x4, S/S x1 [\*1]

900fr	† <i>Australopithecus afarensis</i>	Hominidae	A
900fr	† <i>Paranthropus robustus</i>	Hominidae	A
900fr	† <i>Australopithecus africanus</i>	Hominidae	A
900fr	† <i>Paranthropus boisei</i>	Hominidae	A
3600fr	† <i>Homo neanderthalensis</i>	Hominidae	SS

Margin: Prehistoric tools

### 2021 August 30 (Fossils) M/S x4, S/S x1 [\*1]

850fr	<i>Crossognathus sabaudianus</i>	Crossognathidae	A
850fr	<i>Clupea voironensis</i>	Clupeidae	A
850fr	Coprolite		A
850fr	<i>Spathodactylus</i> sp.	Sphaerodactylidae	A
3300fr	† <i>Ichthyosaurus chiropolyostinus</i>	†Ichthyosauridae	SS

Margin: †*Pliosauroida* sp.

### 2021 August 30 (Flying dinosaurs) M/S x4, S/S x1 [\*1] [\*2]

850fr	† <i>Pterodaustro guinazui</i>	†Ctenochasmidae	A
850fr	† <i>Rhamphorhynchus longicaudus</i>	†Rhamphorhynchidae	A
850fr	† <i>Pteranodon longiceps</i>	†Pteranodontidae	A
850fr	† <i>Dimorphodon macronyx</i>	†Dimorphodontidae	A
3300fr	† <i>Rhamphorhynchus muensteri</i>	†Rhamphorhynchidae	SS

Margin: †*Quetzalcoatlus northropi*

### CHAD 2021 September 1 (Extinct species) (M/S x3, S/S x1) [\*1]

1100fr	† <i>Macrauchenia patachonica</i>	†Macrauchiidae	A
1100fr	† <i>Arctotherium bonariense</i>	Ursidae	A
1100fr	† <i>Glyptodon clavipes</i>	Chlamyphoridae	A
	Margin: † <i>Coelodonta thibetana</i>	Rhinocerotidae	A Z
3300fr	† <i>Mammuthus primigenius</i>	Elephantidae	A SS
	Margin: † <i>Daeodon shoshonensis</i>	†Entelodontidae	A SS Z
	† <i>Dinailurictis bonali</i>	†Nimravidae	A SS Z

### 2021 September 1 (Dinosaurs) M/S x3, S/S x1 [\*1]

1100fr	† <i>Pelecanimimus polyodon</i>	Clade: †Macrocheiriformes	A
1100fr	† <i>Centrosaurus apertus</i>	†Ceratopsidae	A
1100fr	† <i>Deinonychus antirrhopus</i>	†Dromaeosauridae	A
3300fr	† <i>Arrhinoceratops brachyops</i>	†Ceratopsidae	A SS
	Margin: † <i>Tyrannosaurus rex</i>	†Tyrannosauridae	A SS Z

### 2021 September 1 (Prehistoric Water Animals) (M/S x3, S/S x1) [\*1]

1100fr	† <i>Peloneustes philarchus</i>	†Pliosauridae	A
1100fr	† <i>Hydrotherosaurus alexandrae</i>	†Elasmosauridae	A



**CHAD (continued)**

1100fr	† <i>Cryptoclidus eurymerus</i>	†Cryptoclididae	A
	Margin: † <i>Pistosaurus longaevus</i>	†Pistosauridae	A Z
3300fr	† <i>Ichthyosaurus communis</i>	†Ichthyosauridae	A SS
	Margin: † <i>Anomalocaris canadensis</i>	†Anomalocarididae	A SS Z

**2021 July 30** (Flying dinosaurs) (M/S x4, S/S x1) [\*1] [\*2]

1100fr	† <i>Dsungaripterus weii</i>	†Dsungaripteridae	A
1100fr	† <i>Rhamphorhynchus muensteri</i>	†Rhamphorhynchidae	A
1100fr	† <i>Pterodactylus crassirostris</i>	Suborder: †Pterodactyloidea	A
1100fr	† <i>Campylognathus zitteli</i>	†Campylognathoididae	A
3300fr	† <i>Scaphognathus crassirostris</i>	†Rhamphorhynchidae	A SS
	Margin: † <i>Dimorphodon macronyx</i>	†Dimorphodontidae	A SS Z
	† <i>Pterodactylus antiquus</i>	Suborder: †Pterodactyloidea	A SS Z

**DJIBOUTI**

**2021 August 30** (Fossils) (M/S x3, S/S x1) [\*1]

330fr	† <i>Cyclurus minor</i>	Amiidae	
330fr	† <i>Sphyaenodus priscus</i>	Sphyaenidae	
330fr	† <i>Vomer longispinus</i>	Order: Perciformes	
	Margin: † <i>Platinx elongatus</i>	Order: Crossognathiformes	
1000fr	† <i>Anguilla pachyura</i>	Anguillidae	
	Margin: † <i>Anguilla multiradiata</i>	Anguillidae	
	† <i>Enchodus faujasi</i>	Enchodontidae	

**2021 August 30** (Prehistoric Humans) M/S x3, S/S x1 [\*1]

330fr	† <i>Australopithecus afarensis</i>	Hominidae	
330fr	Cro-Magnon woman	Hominidae	
330fr	† <i>Homo neanderthalensis</i>	Hominidae	
1000fr	† <i>Homo neanderthalensis</i>	Hominidae	
	Margin: † <i>Homo erectus</i> hunt elephants/mammoths	Hominidae	

**2021 August 30** (Dinosaurs) (M/S x3, S/S x1) [\*1]

330fr	† <i>Euoplocephalus tutus</i>	†Ankylosauridae	
330fr	† <i>Tyrannosaurus rex</i>	†Tyrannosauridae	
330fr	† <i>Alioramus remotus</i>	†Tyrannosauridae	
	Margin: † <i>Allosaurus fragilis</i>	†Allosauridae	
	† <i>Stegosaurus stenops</i>	†Stegosauridae	
1000fr	† <i>Alectrosaurus olseni</i>	Superfamily: †Tyrannosauroidae	
	Margin: † <i>Ceratosaurus nasicornis</i>	†Ceratosauridae	
	† <i>Apatosaurus ajax</i>	†Diplodocidae	

**2021 August 30** (Extinct Species) M/S x3, S/S x1 [\*1]

330fr	† <i>Viverra leakeyi</i>	Viverridae	A
330fr	† <i>Iniopteryx</i>	†Iniopterygidae	A
330fr	† <i>Arctodus simus</i>	Ursidae	A
	Margin: † <i>Stephanorhinus hemitoechus</i>	Rhinocerotidae	A Z
1000fr	† <i>Pachycrocuta brevirostris</i>	Hyaenidae	A SS
	Margin: † <i>Mammuthus</i>	Elephantidae	A SS Z
	† <i>Panthera spelaea</i>	Felidae	A SS Z
	† <i>Coelodonta antiquitatis</i>	Rhinocerotidae	A SS Z

**GUINEA-BISSAU**

**2021 October 05** (Fossils) M/S x4, S/S x1 [\*1]

800fr	† <i>Gasteronemus oblongus</i>	Scombridae	A
800fr	† <i>Palimphytes brevis</i>	†Euzaphlegidae	A

**GUINEA-BISSAU (continued)**

800fr	<i>Notaeus laticaudus</i>	Amiidae	A
800fr	<i>Leuciscus latiusculus</i>	Cyprinidae	A
3300fr	<i>Leuciscus latiusculus</i>	Cyprinidae	A SS
	Margin: † <i>Gasteronemus oblongus</i>	Scombridae	A SS Z
	† <i>Gasteronemus rhombeus</i>	Scombridae	A SS Z
	† <i>Carangopsis dorsalis</i>	Pomatomidae	A SS Z

**2021 October 05 (Dinosaurs) M/S x4, S/S x1 [\*1]**

800fr	† <i>Nodosaurus textilis</i>	†Nodosauridae	A
800fr	† <i>Erlikosaurus andrewsi</i>	†Therizinosauridae	A
800fr	† <i>Albertosaurus sarcophagus</i>	†Tyrannosauridae	A
800fr	† <i>Chialingosaurus kuani</i>	†Stegosauridae	A
3300fr	† <i>Noasaurus leali</i>	†Noosauridae	A SS
	Margin: † <i>Brachiosaurus altithorax</i>	†Brachiosauridae	A SS Z
	† <i>Dacentrurus armatus</i>	†Stegosauridae	A SS Z

**2021 October 05 (Flying dinosaurs) M/S x4, S/S x1 [\*1] [\*2]**

800fr	† <i>Tupuxuara longicristatus</i>	†Tapejaridae	A
800fr	† <i>Anurognathus ammoni</i>	†Anurognathidae	A
800fr	† <i>Sordes pilosus</i>	Order: †Pterosauria	A
800fr	† <i>Quetzalcoatlus northropi</i>	†Azhdarchidae	A
3300fr	† <i>Pteranodon longiceps</i>	†Pteranodontidae	A SS
	Margin: † <i>Tapejara wellnhoferi</i>	†Tapejaridae	A SS Z
	† <i>Pteranodon longiceps</i>	†Pteranodontidae	A SS Z

**SÃO TOMÉ AND PRÍNCIPE 2021 August 30 (Fossils) (M/S x4, S/S x1) [\*1]**

31,000Db	Head of † <i>Ichthyosaurus platyodon</i>	†Ichthyosauridae	A
31,000Db	† <i>Ichthyosaurus tenuirostris</i>	†Ichthyosauridae	A
31,000Db	† <i>Thalassiodracon hawkinsi</i>	†Pliosauridae	A
31,000Db	† <i>Ichthyosaurus strongylostinus</i>	†Ichthyosauridae	A
124,000Db	† <i>Ichthyosaurus intermedius</i>	†Ichthyosauridae	A SS
	Margin: † <i>Ichthyosaurus communis</i>	†Ichthyosauridae	A SS Z
	† <i>Thalassiodracon hawkinsi</i>	†Pliosauridae	A SS Z

**2021 August 30 (Dinosaurs) (M/S x4, S/S x1) [\*1]**

31,000Db	† <i>Stegosaurus stenops</i>	†Stegosauridae	A
31,000Db	† <i>Parasaurolophus walkeri</i>	†Hadrosauridae	A
31,000Db	† <i>Spinosaurus aegyptiacus</i>	†Spinosauridae	A
31,000Db	† <i>Trachiosaurus altithorax</i>	†Brachiosauridae	A
124,000Db	† <i>Tyrannosaurus rex</i>	†Tyrannosauridae	A SS
	Margin: † <i>Psittacosaurus mongoliensis</i>	Order: †Ornithischia	A SS Z
	† <i>Triceratops horridus</i>	†Ceratopsidae	A SS Z
	† <i>Acanthopholis horrida</i>	†Nodosauridae	A SS Z

**2021 August 15 (Extinct Species)**

		M/S x4, S/S x1 [*1]	
31,000Db	† <i>Homotherium serum</i>	Felidae	A
31,000Db	† <i>Megatherium americanum</i>	†Megatheriidae	A
	† <i>Eremotherium laurillardii</i>	†Megatheriidae	A
31,000Db	† <i>Tullimonstrum gregarium</i>	Clade: Bilateria	A SS
	† <i>Mawsonia sp.</i>	†Mawsoniidae	A SS Z
31,000Db	† <i>Ambelodon floridanus</i>	†Amebelodontidae	A SS Z
124,000Db	† <i>Elephas primigenius</i>	Elephantidae	A SS Z

**SÃO TOMÉ (continued)****2021 August 15** (Prehistoric Water Animals) M/S x4, S/S x1 [\*1]

31,000Db	† <i>Shastasaurus pacificus</i>	†Shastasauridae	A
31,000Db	† <i>Styxosaurus snowii</i>	†Elasmosauridae	A
31,000Db	† <i>Liopleurodon ferox</i>	†Pliosauridae	A
31,000Db	† <i>Platecarpus tympaniticus</i>	†Mosasauridae	A
124,000Db	† <i>Diplocaulus</i> sp.	†Diplocaulidae	A SS
Margin:	† <i>Shastasaurus pacificus</i>	†Shastasauridae	A SS Z

**TOGO****2021 August 30** (Extinct Species) M/S x4, S/S x1 [\*1]

800fr	† <i>Smilodon gracilis</i>	Felidae	A
800fr	† <i>Uinatherium anceps</i>	†Uinatheriidae	A
800fr	† <i>Amebelodon floridanus</i>	†Amebelodontidae	A
800fr	† <i>Megatherium americanum</i>	†Megatheriidae	A
3300fr	† <i>Doedicurus clavicaudatus</i>	Chlamyphoridae	A SS
Margin:	† <i>Mesonyx nuhetingensis</i>	†Mesonychidae	A SS Z

**2021 August 30** (Dinosaurs) (M/S x4, S/S x1) [\*1]

800fr	† <i>Arrhinoceratops brachyops</i>	†Ceratopsidae	A
800fr	† <i>Herrerasaurus ischigualastensis</i>	†Herrerasauridae	A
800fr	† <i>Eoraptor lunensis</i>	Clade: †Sauropodomorpha	A
800fr	† <i>Kentrosaurus aethiopicus</i>	†Stegosauridae	A
3300fr	† <i>Suchomimus tenerensis</i>	†Spinosauridae	A SS
Margin:	† <i>Edmontosaurus annectens</i>	†Hadrosauridae	A SS Z
	† <i>Tyrannosaurus rex</i>	†Tyrannosauridae	A SS Z

**Personalized stamps****Liechtenstein 2021 September 30** “DENDROLITH”

€1.50 - DENDROLITH

DENDROLITH is just another word for petrified wood.

Personalized stamp of Liechtenstein, produced by a German philatelic dealer, with real piece of petrified wood on the top-right corner.

**Slovenia 2021 "70 years of Slovenian Geological Society"**

This set of self-adhesive, personalized stamps were issued by the Slovenian Geological Society.

Two of the nine stamps show some fossils. One stamp showing *Pironea*.

*Pironea* was a rudist bivalve – rudists were major reef-builders during much of the Mesozoic.



Another stamp show a Megalodontid bivalve. Megalodontids are Triassic in age and lived in reefs – in cross-section they have a distinctive **heart-shaped** morphology.

In the Valley of the Lake in Lužnica, below the Batogniški sedlo mountain, there are slightly, to the north, sloping deposits of light gray Upper Triassic Dachstein limestone. The rocks are full of diverse cross-sections of fossil remains of megalodontid shells.



Several centimeters large, typically heart-shaped and also differently shaped cross-sections are usually white or gray, and the fossil shells under the Batogniški sedlo are special because they are colored red.

Three decades ago, workers at the Rodež quarry near Anhovo found a fossil of the lower shell of the Upper Cretaceous rudist species *Pironea buseri*, which was transferred from the edge of the carbonate platform to the Paleocene flysch basin in the Paleocene. Dr. Desanka Pejović recognized a new rudist species and named it after prof. Stanko Buser. Rudists were bivalve mollusks very similar to the clams, they had two shells or valves joined at a hinge. Some of these bivalve mollusks had horn-shaped shells which lay flat on the bottom of the ocean shore, prevented currents from flipping the mollusks or washing them away. Rudists evolved in the Jurassic Era and burgeoned throughout the Mesozoic, but their greatest success came during the Cretaceous when they pushed out corals and sponges to become the major reef-building organisms in the Tethys Ocean and various other warm tropical shelves around the world.

### Postmarks

**South Korea 2021 September 10** – “Neolith humans”

Reconstruction of Neolith man at work on a stone in prehistoric park “Yeoncheon Jeongok-ri ruins”

**South Korea 2021 October 22** – “Fossil site in Uhang-ri”

Footprints and reconstruction of Dinosaurs and Pterosaurs



### Future issues

November 2022 - Poland - set of three stamps "Dinosaurs".

tentative 2022 - Armenia - "Flora and fauna of the ancient world (VI)" - Insects

tentative 2022 - Kyrgyzstan - Dinosaurs

### Notes:

[\*1] - Commercial issue: stamps are issued with only one purpose - to sell for collectors. Stamps of countries who issued too many or too expensive stamps. Not recommended for serious collectors.

[\*2] - Flying dinosaurs is wrong term, as dinosaurs per definition are terrestrial animals. The flying reptiles called Pterosaurs. Flying dinosaurs is not a correct term to apply to the animals shown on these stamps. The animals pictured are pterosaurs. Pterosaurs are a group of flying reptiles in the Archosauria. Reptiles in the archosaurs include crocodiles, dinosaurs, and pterosaurs.

If you know about any recent or future Paleontology related stamp not listed above, please send a short message to our Associated Editor Mr. Michael Kogan [admin@paleophilatelie.eu](mailto:admin@paleophilatelie.eu) or per post to the magazine, address is on the beginning of the magazine.

Images and description of all stamps, postal stationeries and postmarks mentioned above can be seen on the following website: <http://www.paleophilatelie.eu/year/2021.html>

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