

BIOPHILATELY

OFFICIAL JOURNAL OF THE BIOLOGY UNIT OF ATA
 SEPTEMBER 2022 VOLUME 71 NUMBER 3

India's Natural Heritage:

National Parks



Trees



Plants



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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 August 2022.



FROM THE EDITOR'S DESK

Chris Dahle, BU 1269

The Unit is in dire financial straits. The last issue of **Biophilately** cost \$14 to print. At this rate, all print members should be paying \$56 per year plus postage. The cost of printing the journal rose from \$10 per copy to \$14 from March to June this year. Our editors are making an effort to reduce the size of new listings of items issued solely for collectors by Stamperija.com and Neofila.com. I'm not sure how well membership dues of \$50-\$60 per year would be accepted. If anyone has suggestions or comments please let us know.

Peter Voice and Michael Kogan have been looking at stamps depicting fossils and prehistoric animals. They have graphed the number of stamps issued each year over the last 80 years. This is a very interesting study, especially when they can correlate the issuance of stamps with social experiences such as movies.

We have the second of four instalments from Lokeswara Rao on India's Natural Heritage. Some of you probably saw another of his articles, one on Biodiversity which appeared in the June-July issue of **Topical Time**.

As this issue is being prepared for publication, the Great American Stamp Show is being held in Sacramento, August 25-28. I am not attending the show this year. But the Palmares, the list of medals awarded to exhibits, is posted on the APS web site shortly after the show ends, so I can report on members of the unit who have entered their work. I asked several members of the Unit to submit reports and photos. If they do not show up in time, I will include them in the December issue.

Fungi editor, Paul Mistretta, continues his series on illegal stamps portraying mushrooms from the period 1985 to 1995 in "Caveat Emptor Part 6." Please help him in his search for completeness if you can.

If you are a collector of fishes, would you be interested in taking over as the Associate Editor? Dale Shively has indicated that he would like to step down, so we are looking for his replacement. Dale has been our Ichthyology editor since December 2017. So, many thanks to Dale. The job entails checking the Scott Monthly Update issued in Linn's Stamp Weekly for new issues. The lists are submitted to the editor on the 15th of the month prior to issue. Not having a subscription to Linn's should not deter you. The editor can send an electronic version of the Scott Update.

Chris

DUES RATES (US\$)

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

PRESIDENT'S MESSAGE

Laurie was preparing for GASS and did not submit a column.



SECRETARY'S CORNER

Please welcome these new members:

George Gorman #1917 from California. Collecting interests: amphibians and reptiles.

The September issue is the one where you will be dropped if the Secretary has not received a renewal for the year. Dues are for the calendar year, so there will be reminders in the December and March issues.

News of Note

Biology Unit Awards at GASS 2022

Competition at the Great American Stamp Show is divided into three parts. Traditional philately exhibits are entered into the StampShow portion. Thematic and Topical exhibits are entered into the National Topical Stamp Show (NTSS). First Day Cover exhibits are judged in the Americover section of the show.

The ATA Biology Unit First Award went to the NTSS Reserve Grand exhibit, entered by Greg Herbert, for his "An ancient connection, an uncertain future. Butterflies, moths and man." It also won a Large Gold medal.

Greg Balagian received the ATA Biology Unit Second Award for "The Lion - Most Symbolic Animal of All." It was awarded a Gold medal.

The ATA Biology Unit Third Award was given to Greg Balagian also, for the exhibit "In the Name of the Lion" which also got a Large Vermeil medal.

In the NTSS Single Frame competition Dawn Hamman received a Gold medal for her exhibit "Campanulas: Bells of the Garden." It is not clear to the editor why the Single Frame competition was not considered for a Biology Unit Award. Also, it seems to me that an exhibit by Robert Henak, "SPUDS: Potatoes in the U.S. at the Turn of the Last Century" should have been eligible for a Biology Unit award. It received a Large Gold medal.

Other Awards by Biology Unit Members at GASS 2022

Dawn Hamman won the NTSS Most Popular Award for her Gold medal exhibit "Abraham Lincoln's Life & Legacy." Dawn won a Large Gold for her exhibit "The Jewel City - Postcards of the Panama Pacific International Exposition, San Francisco, 1915."

In NTSS, Susan B. Jones received a Large Vermeil medal for "The Book of Hours - A Medieval Bestseller" and in the Americover portion of GASS won Gold for "Carol Gordon Cachets."

Francis Adams was awarded an NTSS Large Gold for "The Atlantic Meeting - 1941." It also received the American Philatelic Society 1940-1980 Medal of Excellence and the Silver award of the United

Nations Philatelists Inc. Fran received a Large Vermeil in the NTSS Single Frame competition for "The Oceanographic Institute and Museum of Monaco" and for "Cancellation Devices of the International Institute of Agriculture, 1906-1946" in the StampShow Single Frame section.

Redesigned Biophilately.org Web Site

Since early July there has been a new Biophilately web site. You can find it at <http://biophilately.org/wordpress/>. There are several advantages to the new site:

1. It is compatible with mobile phones and tablets.
2. It has a privacy statement.
3. You can join, or renew your membership, online using PayPal or using a credit card.
4. We don't have to subscribe to Adobe Dreamweaver to access the server. Currently the editor is covering the cost of \$30 per month out of pocket for use of Dreamweaver software.

Previously the Biology Unit has had to submit credit card information to the ATA for them to process. If you would like to access the current three issues of Biophilately, please contact the webmaster via email at chris-dahle@biophilately.org for the password. The password is changed every year, usually in September.

Archived issues of Biophilately go back to 2010. You can view or download whole issues since 2012. Individual articles are posted prior to 2012.

The old site is still in operation, but it will not be updated any more. How long it will remain in operation is not clear at this time.

Paleophilatelie.eu entered in CAPEX 2022

In June 2022 "Paleophilatelie" website was awarded a Vermeil medal in the competition of philatelic websites at CAPEX 2022 philatelic show.

CAPEX 2022 International One Frame Stamp Championship Exhibition was held at the Metro Toronto Convention Centre (MTCC) in the heart of Toronto's downtown entertainment district. With more than 400 frames CAPEX 22 was the largest show of one frame exhibition ever. The show was organized by the Philatelic Specialists Society of Canada under the patronage of the Federation Interamericana de Filatelia (FIAF) and with the recognition of Fédération Internationale de Philatélie (FIP).

The exhibition also included an array of printed and digital philatelic literature, including philatelic websites.

According to the organizers, computers with internet connections were available at the Literature viewing area where attendees could view any publications entered as pdf or other digital media. All websites without paid or restricted access were also available for viewing.

This might be the first international expo where such digital literature facilities were offered!

Exhibit at the November Show in Grapevine, Texas

Ray Cartier, the Exhibits Chairman for the Mid-Cities Stamp Expo, which will be held in Grapevine, Texas, adjacent to DFW Airport, sends this message:

"This year our Board decided to let exhibitor's compete at NO COST. Our treasury is full and we had a difficult time last year in filling our frames and so we decided to give this benefit to the show's exhibitors. John Hotchner will lead our three WSP judges in our non-WSP show.

"I still have 26 frames open and this is an invitation for exhibitors from your Study Unit to help fill these remaining open frames. In addition to single and multi-frame exhibits we have separate

competitions for one page and four page exhibits, with cash prizes.

"Additional information that a collector would need to enter in our annual exhibit competition is available from Ray at raycartier09@gmail.com.

"Our theme this year will be VETERANS as our show is on Friday, November 11th (Veteran's Day) and Saturday the 12th.

"These remaining frames may be filled soon, as copies of this message are being sent to several ATA Study Units simultaneously. And, as usual, first come, first served."

Boston 2026 Leadership Restructuring


The Organizing Committee of Boston 2026 World Stamp Show, Inc. announces the restructuring of its leadership. Due to health concerns, Nancy Clark will become President Emerita. In 2013, she conceived the idea of hosting a World Stamp Show in Boston and has been the first woman to lead a world philatelic exhibition. Nancy will remain involved in the organization and continue to contribute as a trusted advisor.

Yamil H. Kouri Jr. will become President. He previously held the position of Corporate Director. Mark Schwartz will assume Yamil's role as Corporate Director.

Boston 2026 World Expo takes place May 23-30, 2026, at the Boston Convention & Exhibition Center. Full show details may be found at boston2026.org and on Facebook, Twitter and Instagram. Sign up to be added to the Boston 2026 email list and receive updates when available.

Thomas M. Fortunato
Boston 2026 Public Relations Chair
Tom.Fortunato@Boston2026.org

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



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Production Trends in stamps showing Prehistoric Life – a preliminary look

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² Editor of <http://www.paleophilatelie.eu/>, Munich, Germany.

Introduction

This article is a brief summary of trends observed from analysis of an updated and filtered version of the American Topical Association (ATA) Dinosaur and Fossils checklist. Understanding the composition of paleo-subjects on postage stamps may provide constraints on how these stamps are used in education and outreach – a person attempting to teach paleontology through stamps may be disappointed to find out that the taxonomic coverage might not allow fine detail for groups such as the invertebrates but allow a much more detailed look at dinosaur taxonomy.

Methods and Datasets

We used as the base database, the American Topical Association's Dinosaurs and Fossils checklist from 2018. This database was filtered to remove: 1) comedic or juvenile themes (Flintstones, Disney, Jules Verne's Journey to the Center of the Earth, children's artwork on stamps, etc.), 2) recently extinct organisms that had died out during the historical record (the Dodo, Bering Sea Cow, Aurochs, etc.), and 3) non-relevant stamps. We updated this database with relevant (non-Stamperija) issues from 2018-2022. Each Stamp was then coded with one of the following: Invertebrate, Fish, Amphibian, Non-dinosaur Reptiles, Dinosaurs, Mammals, and Other. The "Other" category included both Plants and Trace Fossils. Trace fossils were lumped in with plants because they included two major types – footprints and stromatolites. Stromatolites being sedimentary deposits mediated by photosynthetic bacteria are linked to plants due to photosynthesis. Other trace fossils (footprints, eggs) were left in this "Other" category to not further dilute the numbers of stamps in the category.

Microsoft Excel was used to create a series of time-frequency plots showing the production frequency of each subset of prehistoric life through the interval from 1951 to the present. The earliest stamp confirmed to depict a prehistoric animal is India's Centenary of the Geological Survey issue depicting *Stegodon ganesa* (Scott #232) (<http://www.paleophilatelie.eu/milestones.html>). The most recent prehistoric animal stamps depict *Triceratops sp.* and *Liopleurodon sp.* (Armenia, 2022, no Scott # yet). There is a boundary condition in this dataset – it does take time for new issues to be assigned Scott Catalog numbers and for the most recent years, the issue counts may be inaccurate. Microsoft Excel was also used to determine total counts for each theme (see Table 1).

Results and discussion

All Issues Trends

The production and publication of stamps depicting prehistoric life show a bimodal distribution with two major peaks between 1990 and 2002 (Figure 1). The earlier peak starts in the late 80's including the 1989 U.S. dinosaur set (Scott #2422-2425) and ended in 1996. The later peak starts in 1997 and ends in 2003. In the interval between 1951 and 1988, production ranged from 0 to approximately 20 issues per year with a plateau developing from 1965 to 1989 where production was relatively constant. Post 2003, the publication record shows several small peaks with a decreasing number of issues in the last couple of years (with the caveat that this interval does not list a large number of Stamperija issues that would swamp the production of countries with more realistic publishing trends).

The plateau starts off in the 1960s with the publication of the Polish prehistoric animal stamps (1965 – Scott #1307-1316 [see figure 2A) and 1966 – Scott #1395-1403). These issues were released roughly at

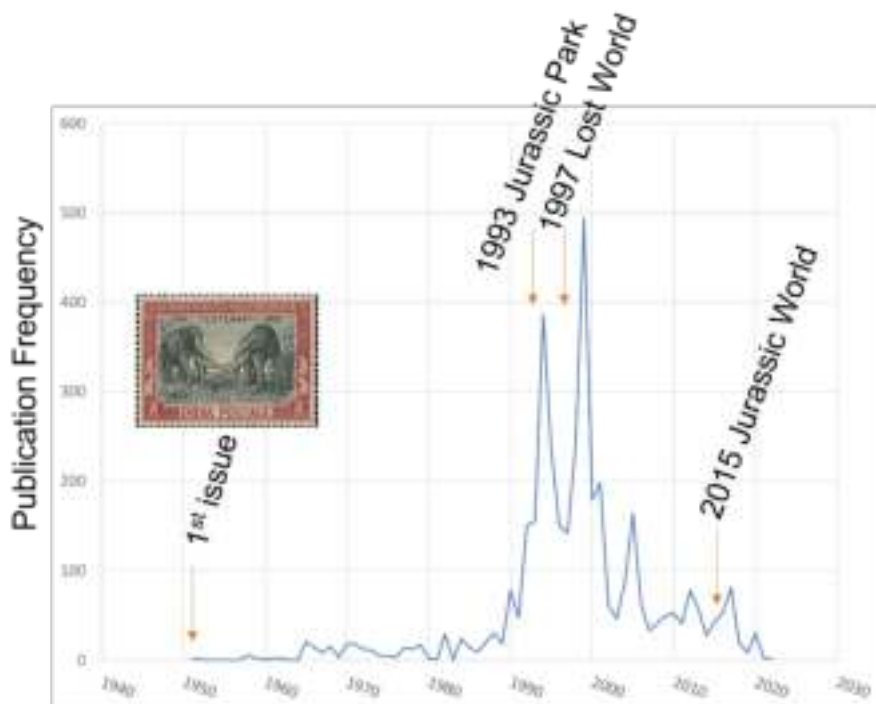


Figure 1: Plot of publication frequency of all stamps depicting prehistoric life. Note the bimodal distribution between 1990 and 2002 followed by smaller peaks over the last two decades. Production increases occur shortly after the release of the first two Jurassic Park films released in 1993 and 1997 – likely as postal services capitalized on the widely popular films.

also had a very popular set of prehistoric stamps issued in 1965 – the prehistoric animal set of San Marino (Scott #612-620).

The numbers of stamps produced starts to increase in the late 1980's as several countries issued stamps to encourage topical collectors to purchase their stamps including Afghanistan (1988, Scott #1279-1285), Laos (1988, Scott #860-866), and Tanzania (1988, Scott #382, 383, 384, 389). This increase is somewhat coincident with the rise of Dune stamps – where several Middle Eastern countries published a variety of topical issues to try to sell stamps to collectors including some illegal issues. A good example would be Manama's (United Arab Emirates) 1971 prehistoric animal air mail stamps. Illegal issues showing prehistoric animals include stamps listed as being from Oman or Dhufar were issued in 1980 by separatist groups in both regions.

In 1993, the first Jurassic Park film was released and would eventually earn more than a billion dollars in box office receipts. The film currently holds the title of #40 in the all-time ranking for worldwide box office performance (source – Wikipedia.org). This release was capitalized on by multiple countries across the world – for example, Australia (Scott #1342-1347, 1347a, 1347b, and 1347c), Canada (Scott #1495-1498), and New Zealand (Scott #1180-1184) organized a joint release that includes thematic stamp albums (The Stamp of the Dinosaur and Les Dinosaurs) that included mint copies of the three sets (Figure 2B). Australia used the release of the film to publicize their National Stamp Collecting Month and used commemorative postmarks that directly highlighted the film (Figure 2C) in their marketing. The second peak in the 1990s appears to lag the release of the second Jurassic Park, The Lost World (release date – 1997). While the film only grossed ~620 million dollars, it ranks 156 in the all-time ranking for world box office performance (source – Wikipedia.org). During this second peak, the U.S. published the “World of Dinosaurs” set (Scott #3136a-3136o) as a souvenir sheet with 2 panels depicting the earth 150 million years ago (the Jurassic of Colorado) and 75 million years ago (the Cretaceous of Montana) (Figure 2D). The U.S. Postal Service even recognized the character of T-Rex from the Jurassic Park movies on a stamp released in 2000 (Figure 2E) in the Celebration of the Century

the time that Polish Paleontologists were developing partnerships with other Soviet-bloc countries to explore Mongolia's Mesozoic deposits – several expeditions would be run through the late 1960's. The popularity of the Polish prehistoric animal stamps encouraged Romania to publish prehistoric mammals (1966, Scott #1887-1892), Mongolia to publish prehistoric animals (1967, Scott # 447-454), Czechoslovakia to issue a set of stamps in honor of the 23rd International Geological Congress (1968, Scott #1559-1563), and Hungary to publish a set of stamps in honor of its Institute of Geology that included both fossils and minerals (1969, Scott #1990-1996). We should also note that the western nations

“1990s Decade” subset!

Post-2002, production of stamps depicting prehistoric life have decreased in number significantly – though this is likely an artifact of Scott Catalog’s decisions on which countries have realistic stamp programs vs. the countries that swamp the market with issues never seen in the post offices of the publishing country. There is a small peak that starts at 2014 that may in part be due to the release of the second trilogy in the Jurassic Park universe – Jurassic World (released in 2015).

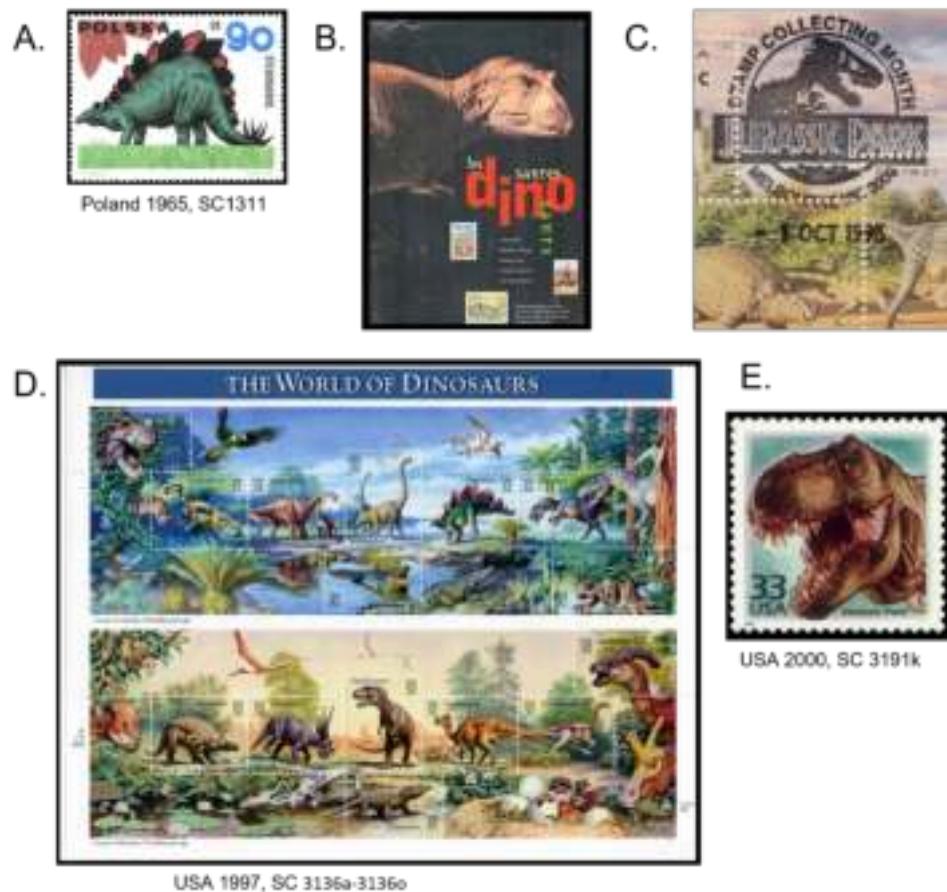


Figure 2: A). One of the Poland 1965 Prehistoric Animals stamps showing a reconstruction of *Stegosaurus*. This set popularized prehistoric life stamps in the Soviet bloc countries. B). Cover of Stamp Album booklet released by Canada Post in 1993. This album was one design released for use by children that had short descriptive texts about the prehistoric animals shown on the Australian, Canadian and New Zealander stamps issued that year. C). One of several Australian Postmarks issued in honor of Stamp Collecting Month (October 1993) with the Jurassic Park logo taking center stage in the postmark. D). A panel of stamps released by the U.S. Postal Service May 1st, 1997 – the second Jurassic Park movie, *The Lost World* was released shortly after on May 19th. E) The U.S. Postal Service commemorated the character of T-Rex from Jurassic Park on this stamp from the Celebrate the Century 1990’s decade set in 2000.

Proportional Representation of different Taxa on stamps

The combined database lists 3,785 stamps. It should not be surprising that roughly 59% of these stamps depict dinosaurs and prehistoric reptiles in general dominate most stamps (~78%) in this database. The next highest representation is for mammals with roughly 11% of issues. All other taxa represented fall into the remaining 11%.

Table 1: Summary statistics describing the types of organisms depicted on stamps.

Taxa	# Of issues through 2022	Proportion (%)
Other (Plants, microfossils, trace fossils)	46	1.2
Invertebrates	146	3.9
Fish	80	2.1
Amphibians	32	0.8
Reptiles (Total)	2949	77.9
Non-dinosaur Reptiles	734	19.4
Dinosaurs	2225	58.8
Birds	124	3.3
Mammals	408	10.8
Total	3785	

Anecdotally, our observations from years of collecting and perusal of both websites (<http://www.paleophilatelie.eu/> and <http://www.stampedout.nl>) and the ATA checklist suggest the following trends:

1. The majority of prehistoric life stamps show reconstructions of the animals. Photographs and sketches of fossils or line drawings of the skeletons are much rarer across all taxa.
2. The majority of prehistoric animals depicted are of significant body size. Dinosaurs for example tend to be dominated by the large animals of the Jurassic and Cretaceous from Western North America (large sauropods, *Tyrannosaurus rex*, *Triceratops sp.*, etc.). Mammals also show a similar trend – with most depictions focusing on the megafauna that lived during the last ice age (Mastodons, Mammoths, Cave Bears, Giant Deer, etc.).
 - a. Reconstructions vary – some countries have their artists consult with paleontologists to ensure that reconstructions are scientifically valid, while others use outdated or inaccurate reconstructions.
3. There is a subset of countries that focus on prehistoric animals that lived in the past within the current boundaries of the country. This set includes larger countries like the U.S., Canada, and Australia as well as some smaller countries like Slovakia or Greenland. Other countries publish a wide variety of prehistoric animals from all over the world – usually with no tie to the publishing country. For example, the Comoros Islands issued a souvenir sheet with *Ceratosaurus sp.* (1999, Scott #892). *Ceratosaurus sp.* lived during the Late Jurassic in Colorado – well before the volcanic islands of the Comoros archipelago developed 7 million years ago!

Figure 3 shows frequency plots for each taxa. In all the plots there is a significant peak or peaks in the interval between 1990 and 2002. The overall structure of the database is heavily influenced by the dinosaur (+ other reptiles) and mammal subsets.

Conclusions

Prehistoric organisms have been reproduced on postage stamps since the early 1950s. The most commonly depicted animals are dinosaurs followed by other reptiles (plesiosaurs, ichthyosaurs, pterosaurs, mammal-like reptiles (dimetrodon and relatives), and other reptiles) and mammals (dominantly ice age mammals). The rest of the kingdoms of life make up a tiny percentage of the prehistoric organisms depicted on stamps.

The plots show that the presentation of prehistoric life on stamps has undergone four phases over the last seventy years. Between 1951 and 1965, prehistoric life stamps were rare with a handful published each year. After the release of the Polish stamps of 1965 and 1966, the numbers of stamps produced increased to approximately 20 stamps per year until the late 1980s. A significant pair of peaks is recorded in the number of issues released between 1990 and 2002 – with significant increases lagging the release of the popular films of the Jurassic Park franchise. After 2002, production numbers decreased (at least in terms of non-Stamperija numbers).

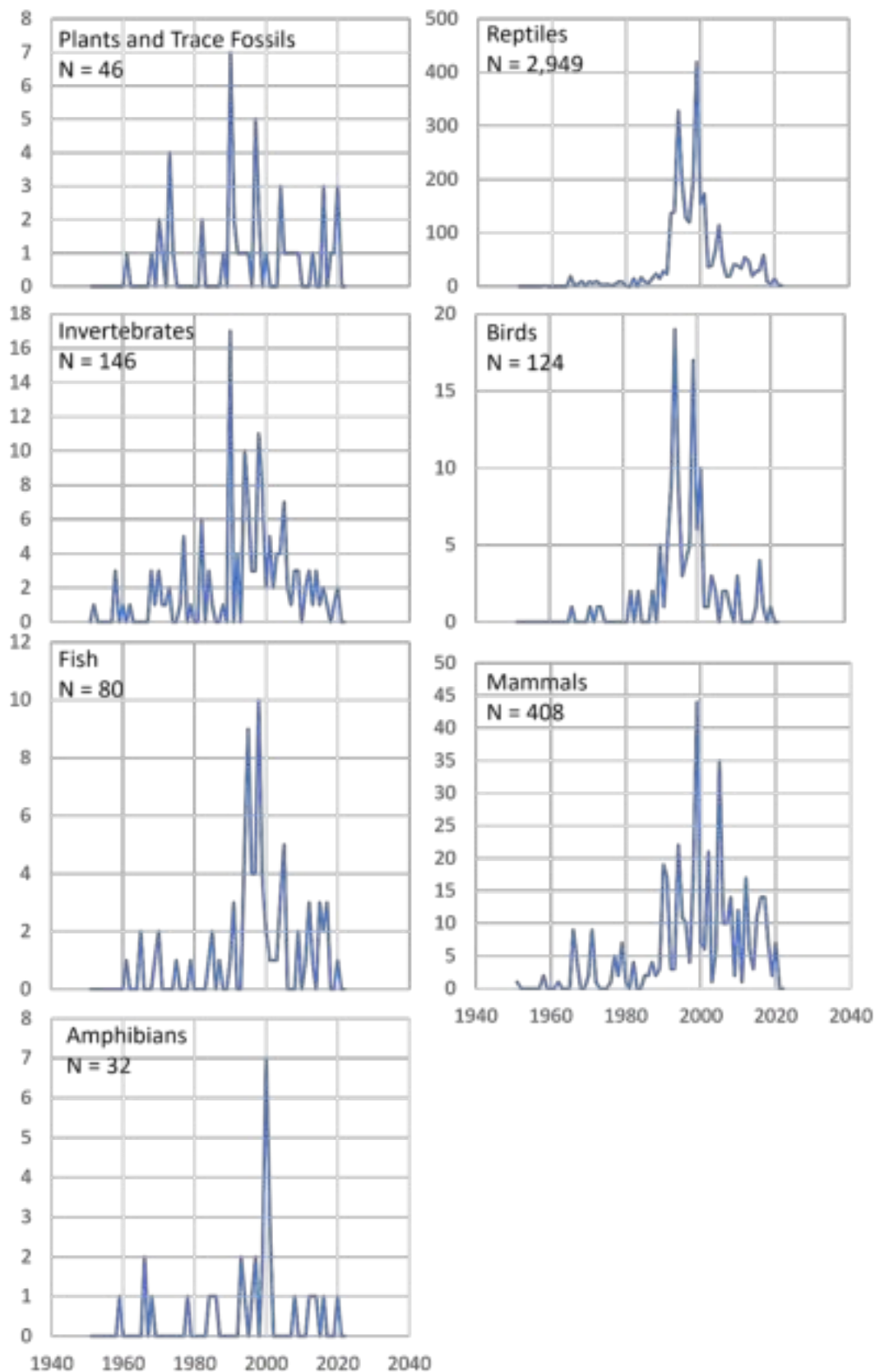


Figure 3 – Comparison of frequency plots for each taxa. Note that all the plots exhibit at least one peak in the interval between 1990 and 2002. The peak structure in Figure 1 is heavily influenced by the structure in the dataset from Reptiles and Mammals, as both groups show two distinct peaks in the 1990-2002 interval.

Natural Heritage of India on Stamps: Part 2 of 4

M. Lokeswara Rao IFS (Ret'd)

Principal Chief Conservator of Forests & Head of Forest Force (Ret'd)

National Parks and Sanctuaries:

India's rich biodiversity has fascinated people down the ages. India also has an ingrained tradition of conservation stretching back in history. However, the pressures of an increasing population have led to widespread changes in land use. This has, in effect, led to a gradual encroachment and decimation of forest cover and water bodies, resulting in the destruction of the natural habitat which has sustained wildlife down the centuries. While shooting for sport 'Shikar', posed the greatest threat to wildlife in the late 19th and early 20th centuries, it is the destruction of habitat and illegal poaching for commerce that present the major problems to conservation today. Realizing the danger, sanctuaries for protecting the wildlife, along with their natural habitat, were set up in India from the first half of the 20th century and today there are more than 566 Wildlife Sanctuaries and 104 National Parks, around the country.

Comprehensive legislation called the 'Wildlife Protection Act' was enacted in 1972 for providing legal protection to wildlife, and to endangered species of fauna in particular, as protecting our natural heritage and preventing the extinction of increasingly rare and endangered species of animals, like the one-horned Indian Rhinoceros, the Indian Elephant, the Tiger, and the Musk Deer among others, assumed national importance. Under this Act, the State Governments are empowered to declare any areas a Sanctuary or a National Park for the purpose of protecting and conserving wildlife and the environment. All National Parks and Sanctuaries are however not alike. While some have been created to protect certain specific rare and endangered species, some are famous for the richness and variety of their flora as well as fauna.

There are 104 existing national parks in India covering an area of 43,716 km², which is 1.33% of the geographical area of the country (National Wildlife Database, Dec. 2020). In addition to the above 75 National Parks covering an area of 16,608 km² are proposed in the Protected Area Network Report (Rodgers & Panwar, 1988). The network of parks will go up 176 after full implementation of the above report. There are 566 existing wildlife sanctuaries in India covering an area of 122,420 km², which is 3.72% of the geographical area of the country (National Wildlife Database, Dec. 2020). Another 218 sanctuaries are proposed in the Protected Area Network Report covering an area of 16,829 km².



Silent Valley National Park: The 2009 Miniature Sheet shows the bio-diversity in the Silent Valley National Park – a Lion Tailed Macaque, lush green forests, a butterfly, a bird, lichens, liverworts, flowers and a river flowing through a mountainous region. The Silent Valley National Park forms the core of the Nilgiri International Biosphere Reserve (which admeasures 1456 km²) and is a part of the Nilgiri Sub-Cluster (ranging around 6,000 km²), Western Ghats Word Heritage Site which was recognised as such by UNESCO in 2007. “Silent Valley” gets its name because there are no cicadas in this area which make an “unbearable” droning noise. The Silent Valley gained prominence during the 1970s when an environmentalist’s social movement was launched against the

setting up of a hydro-electric project. In 1973, public protests against setting up the hydro-electric project on the Kunthipuzha River, under the “Save Silent valley” movement, gained unprecedented momentum as a result of the people’s protest “Save Silent Valley” the project had to be shelved and resulted in the creation of the National Park in 1983.

In 1983 a stamp commemorating 50 years Kanha National Park was released. Kanha National Park is one of the tiger reserves of India and the largest national park of Madhya Pradesh state in India. The park has a significant population of Royal Bengal Tigers, leopards, sloth bear, Barasingha (swamp deer) and Indian Wild Dog. To mark the 50th Anniversary a commemorative stamp was issued which depicts Swamp Deer.



The Bandipur National Park is a beautiful forest reserve located in Karnataka. It lies in the shadow of the Western Ghats and spreads across an area of about 875 km² The Bandhavgarh National Park in Madhya Pradesh has primarily known for its tiger population. Bandhavgarh was declared as a National Park in 1968. Covering an area of 542.4 km² The Mudumalai National Park lies in the state of Tamil Nadu and is contiguous to the Bandipur National Park; it is located on at the base of the Nigiri hills declared as a National Park in the year 1990.



1976 India Post released stamps of Bharathpur Bird Sanctuary depicting Painted Storks.

The Periyar National Park and Tiger Reserve was established in the verdant stretches of Kerala in 1895 and declared as a Tiger Reserve in 1978.



In 2007 India Post released five stamps National Parks Mudumalai National Park, Bandipur National Park Bandhavgarh National Park, Periyar National Park, Kaziranga National Park. ►



The Periyar Wildlife Sanctuary covers an area of 777 km² Kaziranga National Park is one of the last refuges of the endangered one horned Indian Rhinoceros. Located in Assam on the southern bank of the Brahmaputra River, Kaziranga was declared a reserve forest in 1908. Declared as a Wildlife Sanctuary in 1940 the Park was given the status of a National Park in 1974, and has also been declared a UNESCO world heritage site in 1985.



Trees, Medicinal Plants, Spices, Mangroves:

Parijatha which are sacred flowers of India, *Dillenia* and siroi lily are rare species of northeastern India. *Thespesia*, *Cochlospermum*, *Erythrina*, *Lagerstroemia*, *Rhododendron* and Kadamba are important tree species in different parts of India. Coconut is a multipurpose tree grown in all parts of India. *Rhizophora* and *Sonneratia* are mangrove species of India.



Coconut, Parijatha, *Dillenia*, Siroi lily, *Thespesia*, *Cochlospermum*, *Erythrina*, *Lagerstroemia*, *Rhododendron* and Kadamba. *Rhizophora* and *Sonneratia* are mangrove species.

Gloriosa superba and Wild guava are endangered species, *Nypa* and *Brujeria* are important mangrove species, Lotus flower is sacred flower used by Hindus and Bhuddhsts. The Khejiri tree is a sacred tree to Vaishaites in Rajasthan state of India. Sandalwood naturally occurs in southern States of Karnataka and is used as perfume oil for various purposes.



Gloriosa superba and Wild guava, *Nypa fruticans* and *Brujeria gymnorhiza*. The Lotus is a sacred flower. Khejri is Sandal wood.

Indian spices Black pepper, Cinnamon, Turmeric, Coriander, Cloves have medicinal properties and are used in Indian cuisine. Banyan and Pipal trees are sacred trees and are worshiped. Sal is an important timber species with the wood used in construction. Roses are used in the perfume industry.



Pterospermum is a mangrove species.

Golden shower, *Cretivia*, *Bauhinia*, Chinar are important

Indian spices: Black pepper, Cinnamon, Turmeric, Coriander, Cloves. Banyan and Pipal trees, Sal, Roses, and *Pterospermum*.



avenue plants, Flame of the Forest looks like red flame with its flowers at the time of flowering in forests, *Strobilanthes kunthiana*, known as Kurinji is a shrub that is

found in the shola forests of the Western Ghats of India The purplish blue flower blossoms only once in 12 years, and gave the Nilgiri Mountains range its name. *Bougainvillea* different colors are used as ornamental plant. The Pitcher plant is an insectivorous endangered plant that occurs in northeastern parts of India.



Golden shower, *Cretivia*, *Bauhinia*, Chinar are important avenue plants. Flame of the Forest, Kurinji, *Bougainvillea*, Pitcher Plant

In the Indian perfume series (2019), India post released stamps of Sandalwood, Jasmin, Agarwood, Orange blossom and Rose flower. The perfume oil is used in cosmetic industry and pharmaceutical industry. Under the Nature series India Post has released two stamps.



Sandalwood, Jasmin, Agarwood, Orange blossom (2019) and Rose flowers (2007), Beautiful India (2017) series Minisheets.

Under Wild Flowers of India, India Post released twelve stamps Dhobang Chirta, Kashmir Mallow, Himalayan Mini Sunflower, Himalayan Lantern, Roundleaf Asiabell, Blue Poppy, Globe Thistle, Himalayan Iris, Himalayan Bellflower, Cobra Lily, Bladder Campion, Rhododendron. They are important species which are vulnerable and endangered. Under the Nature series five stamps were released. India post issued Guggulu, Brahmi, Amla, Ashwa gandha Tulsi, Haridra, Sarpa gandha, Ghritkumari stamps of important medicinal plants. (To be continued.)



Dhobang Chirta, Kashmir Mallow, Himalayan Mini Sunflower, Himalayan Lantern, Roundleaf Asiabell, Blue Poppy, Globe Thistle, Himalayan Iris, Himalayan Bellflower, Cobra Lily, Bladder Campion, Rhododendron MS (2013). Nature series MS (2017). Two MS Medicinal plants Guggulu, Brahmi, Amla, Ashwa gandha (2003) and Tulsi, Haridra, Sarpa gandha, Ghritkumari (1997)



BOTANY

Editor

Christopher E. Dahle BU 1269



Scott #	Denom	Common Name	Botanical Name	Family	Code
ARUBA					
			2022 March 28	(Orchids) Set/4	
677	142c	Spathoglottis Big Red Fancy,	<i>Spathoglottis</i> 'Big Red Fancy'	Orchidaceae	Fl A
678	200c	<i>Dendrobium nobile</i>		Orchidaceae	Fl A
679	320c	Vanda Tessellate Blue,	<i>Vanda tessellata</i> 'Blue'	Orchidaceae	Fl A
680	650c	<i>Habernaria rhodocheila</i> (Inscribed)	<i>Cattleya Habernaria Rhodocheila</i>	Orchidaceae	Fl A
BAHAMAS					
			2021 December 20	(Christmas) Set/4	
1540	70c	Holly, <i>Ilex aquifolium</i>		Aquifoliaceae	Fr A
CANADA					
			2022 March 1	(Annual Flower series) SS/2	
3319		Souvenir sheet of 2			
3319a	P (92c)	Calla, <i>Zantedeschia aethiopica</i>		Araceae	Fl A
3319b	P (92c)	Calla, <i>Zantedeschia aethiopica</i>		Araceae	Fl A
3319c		Souvenir sheet as is in #3319 with CAPEX 22 emblem in margin			
				Set/2; SA coil die cut 8 1/4 vert	
3320	P (92c)	Calla, <i>Zantedeschia aethiopica</i>		Araceae	Fl A
3321	P (92c)	Calla, <i>Zantedeschia aethiopica</i>		Araceae	Fl A
3321a		Horiz pair			
				Set/2; SA Die cut 13 1/2	
3322	P (92c)	Calla, <i>Zantedeschia aethiopica</i>		Araceae	Fl A
3323	P (92c)	Calla, <i>Zantedeschia aethiopica</i>		Araceae	Fl A
3323a		Booklet pane of 10, 5 each #3322-23 + 10 stickers			
EGYPT					
			2021 June 5	(World Environment Day) SS/1	
2245	£5	Pinks (labeled "Cloves"),	<i>Dianthus caryophyllus</i>	Caryophyllaceae	Fl B
		Jasmine, <i>Jasminum officinale</i>		Oleaceae	Fl B
		Roses, <i>Rosa x hybrida</i>		Rosaceae	Fl B
		Basil, <i>Ocimum basilicum</i>		Lamiaceae	Fl B
		Chamomile, <i>Chamaemelum nobile</i>		Asteraceae	Fl B
HUNGARY					
			2022 March 31	(Stamp Day: Stamps designed by József Vertel) Set/2, SS/1	
4631	500fo+300fo	Tiger lily, <i>Lilium tigrinum</i> (Hungary #B233 s-o-s)		Liliaceae	Fl A SS
KYRGYZSTAN					
			2021 April 16	(Quinces) MS/6	
655		Sheet of 6			
655a	18s	Bee pollinating flower, <i>Cydonia oblonga</i>		Rosaceae	Fl A MS
655b	22s	Fruit on tree Same species			
655c	31s	Whole and cut fruit Same species			
655d	37s	Fruit and jar of preserves Same species			
655e	55s	Tree Same species			
655f	65s	Fruit in basket Same species			
MOROCCO					
			2021 December 31	(Intl Year of Fruits and Vegetables) Single	
1313	3.75d	Globe surrounded by fruits and vegetables			Fr V B U

NEW ZEALAND		2022 October 7 (Diwali)	Set/4, SS/4	
2994	\$4.10	Lotus flower, <i>Nelumbo nucifera</i>	Nelumbonaceae	Fl A
2994a		Souvenir Sheet of 4, #2991-94		
		2022, March 2 (Armistice Day Poppy Appeal, 100y)	Set/5, SS/5	
3010-3014		Poppies, <i>Papaver rhoeas</i>	Papaveraceae	Fl B
OMAN		2021 August (Wheat Crop) MS/4; no wheat spikes in margin; top and bottom panels orange		
672a-d		Various photos of wheat, <i>Triticum aestivum</i>	Poaceae	
		2021 August (Wheat Crop) MS/4; wheat spikes in top and bottom panels, which are orange-brown		
673a-d		Various photos of wheat, <i>Triticum aestivum</i>	Poaceae	
PARAGUAY		2021 December 20 (Mercosur, 30y) MS/1+3 labels		
3148	2500g	Bluecrown passionflower, <i>Passiflora caerulea</i>	Passifloraceae	Fl A MS
ROMANIA		2021 November 12 (60th birthday of Nadia Comenici) Single, SS/1		
6655	9l	Portrait and rose, <i>Rosa x hybrida</i>	Rosaceae	Fl B
6655a		Sheet of 5 + label		
6656	31.50l	Portrait <i>Rosa x hybrida</i>	Rosaceae	Fl B SS Z
		2021 November 24 (Viticulture) Set/2		
6659	2l	Zghihara grapes and pitcher, <i>Vitis vinifera</i>	Vitaceae	Fr B
6659a		Sheet of 5 + label		
6660	9l	Rara Neagra grapes and flask, <i>Vitis vinifera</i>	Vitaceae	Fl B
6660a		Sheet of 5 + label		
ST. LUCIA		2019 February 18 (Independence, 40y) Set/4		
1301	25c	Calabash tree, <i>Crescentia cujete</i>	Bignoniaceae	T A
1302	50c	Rose, <i>Rosa x hybrida</i>	Rosaceae	Fl A
		Marguerite, <i>Argyranthemum frutescens</i>	Asteraceae	Fl A
ST. THOMAS & PRINCE ISLANDS		2018 May 19 (Ptgs by Van Gogh) Set/4, SS/1		
3549b	31d	“Irises”, <i>Iris sp.</i>	Iridaceae	Fl A MS
3549d	31d	“Wheat Field with Cypresses”, <i>Triticum aestivum</i>	Poaceae	Fr A MS
		<i>Cupressus sempervirens</i>	Cupressaceae	T B MS
SAMOA		2022 February (#637, 638, 640 surcharged, see Plants on Stamps Vol.3, p. 313)		
1322	\$60 on 48s	<i>Dendrobium biflorum</i>	Orchidaceae	Fl A
1322	\$60 on 56s	<i>Dendrobium dactyloides</i> (=vaupelianum)	Orchidaceae	Fl A
1324	\$60 on \$1	<i>Spathoglottis plicata</i>	Orchidaceae	Fl A
1325	\$70 on \$1.20	<i>Etilingera cevuga</i>	Zingiberaceae	Fl A
SIERRA LEONE		2019 February 27 (Windmills and tulips) Set/4, SS/1		
5222a	12,500Le	<i>Tulipa griegii</i>	Liliaceae	Fl A MS
5222b	12,500Le	Wild tulip, <i>Tulipa sylvestris</i>	Liliaceae	Fl A MS
5222c	12,500Le	<i>Tulipa turkmenistanica</i>	Liliaceae	Fl A MS
5222d	12,500Le	<i>Tulipa kaufmanniana</i>	Liliaceae	Fl A MS
5234	50,000Le	<i>Tulipa orphanidea</i>	Liliaceae	Fl A SS
	In margin:	<i>Tulipa saxatillis</i> ‘Lilac Wonder’	Liliaceae	Fl A SS Z
SINGAPORE		2021 July 27 (Diplomatic Relations with Sri Lanka, 50y) Set/2, SS/2		
2095	\$1.40	Mangroves		V A U
2096a		Souvenir sheet of 2, #2095-96		
SLOVENIA		2022 March 11 (Tulips) Set/3, SS/1		
14873	62c	Matchpoint tulips, <i>Tulipa</i> ‘Matchpoint’	Liliaceae	Fl A
1484	79c	Wild tulip, <i>Tulipa sylvestris</i>	Liliaceae	Fl A

SLOVENIA (continued)

- 1485 €1.33 Apeldoorn tulips, *Tulipa* 'Apeldoorn' Liliaceae Fl A
 1486 €1.46 Queen of Night tulips, *Tulipa* 'Queen of Night' Liliaceae Fl A SS

SPAIN

- 2022 March 8** (Intl Women's Day) SS/1
 4587 €4.50 Stylized roses, *Rosa x hybrida* Rosaceae Fl A SS Z
2022 March 22 (Gastronomy of La Rioja) SS/2
 4590 Souvenir sheet of 2
 4590a €3 Beans from Anguljano, *Phaseolus vulgaris* Fabaceae Fr B
 SS
 4590b €3 Walnuts from Pedroso, *Juglans regia* Juglandaceae Fr B
 SS

SRI LANKA

- 2021 September 2** (World Coconut Day) Set/10
 2275-84 Coconuts and products, *Cocos nucifera* Areaceae Fr A

SWITZERLAND

- 2021 September 2** (Old Trees) Set/4
 1815 85c 900 y.o. Larch, *Larix decidua* Pinaceae T A
 1816 100c 430 y.o. Oak, *Quercus robur* Fagaceae T A
 1817 150c 500 y.o. Sycamore, *Platanus orientalis* Platanaceae T A
 1818 200c 450 y.o. Swiss stone pine, *Pinus pinea* Pinaceae T A
2022 May 5 (Commitment to Art) Single
 1863 110c Meadow flora V A U
2022 May 5 (Europa William Tell) Set/2
 1867b 110c Apple with arrow through it, *Malus x domestica* Rosaceae Fr A
- SYRIA** **2010 December 31** (Arbor Day) Single
 1685 £50 Unidentified tree T A U
2011 June 22 (Damascus Intl Flower Fair) Set/5
 1691 Horiz strip of 5
 1691a £50 Oleander, *Nerium oleander* Apocynaceae Fl A
 1691b £50 Lily-of-the-valley, *Convallaria majalis* Asparagaceae Fl A
 1691c £50 Lotus, *Nelumbo nucifera* Nelumbonaceae Fl A
 1691d £50 Bird-of-paradise, *Strelitzia reginae* Strelitziaceae Fl A
 1691e £50 Dahlia, *Dahlia x hybrida* Asteraceae Fl A
2011 December 29 (Arbor Day) Single
 1698 £15 Olive tree, *Olea europaea* Oleaceae T A
2012 June 20 (Intl Flower Fair) Set/5
 1703 Horiz strip of 5
 1703a £10 Dahlias, *Dahlia x hybrida* Asteraceae Fl A
 1703b £10 Hydrangeas, *Hydrangea macrophylla* Hydrangeaceae
 Fl A
 1703c £10 Day lilies, *Hemerocallis sp.* Asphodelaceae Fl A
 1703d £10 Primeveres Fl A U
 1703e £10 Lantanas, *Lantana camera* Verbenaceae Fl A
2013 (Arbor Day) Single
 1721 £150 Orange tree, *Citrus sinensis* Rutaceae Fr T A

TONGA

- 2021 May 4** (Smithsonian Institution) Set/12
 1456 Sheet of 6
 1456a Unidentified flower Fl A U

2021 June 10 (Intl Year of Plant Health) Set/2

- 1458 2.50pa Unidentified flower FI A U
 1459 20.60pa Unidentified flower FI A U

TONGA (continued)**2021 June 10** (Intl Year of Fruits and Vegetables) Set/6

- 1460 Sheet of 6
 1460a 30s Watermelon, *Citrullus lanatus* Cucurbitaceae Fr A MS
 1460b 1.50pa Passion fruit, *Passiflora edulis* Passifloraceae Fr A MS
 1460c 2pa Pineapple, *Ananas comosus* Bromeliaceae Fr A MS
 1460d 2.50pa Banana, *Musa x paradisaica* Musaceae Fr A MS
 1460e 2.80pa Pumpkin, *Cucurbita pepo* Cucurbitaceae Fr A MS
 1460f 5.30pa Coconut, *Cocos nucifera* Arecaceae Fr A MS

TUNISIA**2022 April 15** (Flowers) Set/4, SS/4

- 1777 750m Mediterranean wild thyme, *Thymbra capitata* Lamiaceae FI A
 1778 900m Alypo Globe Daisy, *Globularia alypum* Plantaginaceae FI A
 1779 1d Roman chamomile, *Chamaemelum nobile* Asteraceae FI A
 1780 1.20d Salvia, *Salvia officinalis* Lamiaceae FI A
 1780a Souvenir sheet of 4 #1777-80

TURKEY**2019 October 23** (Official Stamps–Paper–marbling)

Set/2

- O396 2.40l Tulip, *Tulipa sp.* Liliaceae FI A
 (Official Stamps–Crocheted flowers) Set/4
 O409 50k Anemone, *Ranunculus coronaria* Ranunculaceae FI A
 O410 1l Lavender, *Lavandula officinalis* Lamiaceae FI A
 O411 2l Bachelor's button, *Centaurea cyanis* Asteraceae FI A
 O412 5l Primrose, *Primula vulgaris* Primulaceae FI A

TUVALU**2021 March 1** (Roses) Set/4, SS/1

- 1513 Sheet of 4
 1513a \$2.50 Redleaf rose, *Rosa glauca* Rosaceae FI A MS
 1513b \$2.50 *Rosa persica* Rosaceae FI A MS
 1513c \$2.50 Mandarin rose, *Rosa moyesii* Rosaceae FI A MS
 1513d \$2.50 Dog rose, *Rosa canina* Rosaceae FI A MS
 1514 \$7 French rose, *Rosa gallica* Rosaceae FI A SS

2021 May 17 (Hibiscus) Set/6, SS/1

- 1527 Sheet of 6 *Hibiscus rosa-sinensis* Malvaceae FI A MS
 1528 \$7 Chinese hibiscus, *Hibiscus rosa-sinensis* Malvaceae FI A SS

2021 October 11 (Coconuts) Set/5, SS/1

- 1544 Sheet of 5 Coconuts and tree, *Cocos nucifera* Arecaceae Fr T A
 MS
 1545 \$7 Coconut palm, *Cocos nucifera* Arecaceae T A SS Z

UKRAINE**2021 June 9** (Europa – Deforestation) Set/2

- 1295 (27h) Stylized trees and logs
 T S U
 1296 (27h) Stylized tree stump and wolf T S U

UNITED STATES**2022 April 8** Single

- 5683 (58c) Boy catching apple, *Malus domestica* Rosaceae Fr B
 5683a Imperforate

UZBEKISTAN

2021 June 28 (Tashkent Botanical Garden) Set/4

928 Sheet of 4

928a 3800s Scarlet firethorn, *Pyracantha coccinea* Rosaceae Fl A

MS

928b 5900s *Fritillaria karelinii* NOT *Primula fedtschenkoi* Primulaceae Fl A

MS

928c 7600s *Primula fedtschenkoi* NOT *Fritillaria karelinii* Liliaceae Fl A

MS

Invasive Species in Romania

A new postage stamp issue on the theme of Flora, will be introduced into circulation on Friday, June 24, this year, with the generic title: "Invasive species". The images reproduced on the postage stamps belong to plants that are found outside their natural range, having a harmful effect on the ecosystem in which they find a new reproduction and propagation environment.

The postage stamps of the issue feature five species belonging to invasive species:

Pontederia crassipes Mart. (Water hyacinth), illustrated on the stamp with the face value of Lei 3, is a plant native to the tropical and subtropical zone of South America, preferred throughout the world as an ornamental plant because of its hyacinth-like flowers. The water hyacinth is a native plant that can grow up to one metre tall. Under favourable conditions, it spreads rapidly affecting human activities and biodiversity.

Heracleum mantegazzianum Sommier & Levier (Giant hogweed), represented on the stamp with the face value of Lei 6.50, is an herbaceous, perennial, monocarpic plant originating from the Caucasus. Its name is an homage to the anthropologist Paolo Mantegazza. The sap of the plant is dangerous to the eyes and skin, causing burns. It spreads rapidly and it is one of the most harmful species in the British Isles and Eastern Europe.

Elodea nuttallii (Planch.) H.St.John (Western waterweed), depicted on the stamp with the face value of Lei 10, is a herbaceous, perennial, underwater aquatic plant. The stem is slender and branched and the leaves are short, narrow, pale green. It crowds out other aquatic plants, causes shading and consumes oxygen in the water, reduces water flow velocity. Causes secondary eutrophication by decomposing plants at the end of the growing season.

Baccharis halimifolia Moench (Groundsel bush, sea myrtle), illustrated on the stamp with the face value of Lei 10.50, is a North American species of shrub of the Asteraceae family. It is named in honour of the god of wine, Bacchus. Extremely salt-tolerant, it is present along most impoverished or brackish shores of marshes and estuaries. The branches are stiff and dense, and the silver-grey, grey-green foliage turns reddish-purple in autumn. The leaves are toxic to animals if ingested in large quantities.

Lysichiton americanus Hultén & H.St.John, also called "Yellow skunk cabbage", shown on the First Day Cover of the issue, is an herbaceous perennial plant belonging to the Araceae family. It is related to the 'fruit of the earth', found in the forests of our country. It prefers moist, fertile soils and grows best near water, both in sunny and semi-shaded or shady areas. Since 2016, special invasion prevention and control measures are foreseen in the European Union for already established populations of this plant.

Romfilatelia brings thanks to Prof. univ. Paulina Anastasiu Ph.D., the Manager of "Dimitrie Brandza" Botanical Garden of the University of Bucharest, for the documentary support provided for the development of this postage stamps issue.

<https://www.wopa-plus.com/en/stamps/product/&pid=75491>



New Plants in the Philatelic Herbarium

By Christopher E. Dahle, BU 1269

Tulipa saxatilis 'Lilac Wonder' LILIACEAE

Herbaceous perennial to 20 cm. Cultivar that grows in full sun to light shade in well drained soils. Flowers in mid-spring. Lilac petals with yellow center.

Sierra Leone Scott #5234. Issued 27 February, 2019 in a set depicting Windmills and Tulips.



Globularia alypum PLANTAGINACEAE

Common name: Alypo globe daisy, shrubby globularia

Synonyms: *Globularia alypa*, *G. turbith*, *G. virgata*

Evergreen shrub to 60 cm. Leaves gray-green, alternate, oval. Blue flowers. 30 mm diameter, form a dense inflorescence, appear from autumn to spring.

Grows on rocky slopes in woodlands to 1900 m in central and southern Europe, northwest Africa and southwest Asia.

Tunisia Scott#1278. Issued 15 April 2022 in a souvenir sheet of 4. Designers: Amin Sha`ban, Layla `Allaqi and Yassin Ghurbal. Printed by the Tunisia Post Printing House in quantities of 250,000.



Fritillaria karelinii LILIACEAE

Synonyms: *Fritillaria karelinii* var. *albiflora*, *Rhinopetalum karelinii*

Herbaceous perennial to 35 cm. Leaves 5-8, lanceolate 4-6 by 0.8 -1.5 cm. One to 3 flowers, rose-violet with darker markings. Grows in sandy soils and rocky screes. Native to Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Turkmenistan, Iran, Pakistan, and Xinjiang, China.

Uzbekistan Scott #928b. Issued 28 June 2021 in a minisheet of 4 designs to commemorate the Tashkent Botanical Gardens. NOTE: This stamp is labeled *Primula fedtschenkoi* which is a design error. Printed by offset lithography.



Primula fedtschenkoi PRIMULACEAE

Herbaceous perennial with rhizome. Leaves, oblong-ovate 4-6 by 8-10 cm, form a rosette. Flowers 5-13, purple-lilac, in umbel, early spring to mid-autumn.

Grassy slopes in central Asia.

Uzbekistan Scott #928c. Issued 28 June 2021 to commemorate the Tashkent Botanical Garden. NOTE: This stamp is labeled *Fritillaria karelinii* which is a design error.



Spathoglottis 'Big Red Fancy' ORCHIDACEAE

Hybrid cultivar. Terrestrial herbaceous perennial. Originally from Southeast Asia

Aruba Scott #677. Issued on 28 March 2022 in a set of 4 orchid designs by Natascha de la Fuente. Drawn from a photo by the artist in the orchid collection of Sita Gobhardan





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 ☠ 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
HUNGARY			
2022 March 31 (M)			
4632 1600fo	Parasol mushroom, <i>Macrolepiota procera</i>	Agaricaceae	C
Item is a SS with reproduction of Sc#2877 among other stamps; Hunphilex 2022			
JAPAN			
2021 December 10 (M)			
4565i 84¥	?Meadow mushrooms, ? <i>Agaricus sp.</i>	Agaricaceae	A
ROMANIA			
2021 May 6 (M)			
6567 1.70L	Fringed or sessile earthstar, <i>Geastrum fimbriatum</i>	Geastraceae	A
6568 2.00L	Octopus stinkhorn, <i>Clathrus archerii</i>	Phallaceae	A
6569 2.20 L	Common puffball + 4 others, <i>Lycoperdon perlatum</i>	Agaricaceae	A
6570 5.50L	Blue pinkgill, sky-blue mushroom, <i>Entoloma hochstetteri</i>	Entolomataceae	A
6571 9.00L	Laticed stinkhorn, <i>Clathrus ruber</i>	Phallaceae	A
6572 10.50L	Long net stinkhorn + 4 others, <i>Phallus indusiatus</i> also: 6567a-6572a - MS/5s + label ea. as above	Phallaceae	A
ST. THOMAS & PRINCE IS.			
2020 August 28 (M)			
3542a 31d	<i>Campanella caesia</i>	Marasmiaceae	A
3542b 31d	Pink oyster mushroom, <i>Pleurotus djamor</i>	Pleurotaceae	A
3542c 31d	Smooth chanterelle, <i>Cantharellus lateritius</i>	Cantharellaceae	A
3542d 31d	Spring orange peel fungus + 2 others, <i>Caloscypha fulgens</i>	Caloscyphaceae	A
3561 124d	Lead shot, <i>Cribaria argillacea</i>	Cribariaceae	A
SIERRA LEONE			
2020 August 28 (M)			
5260a 12,500Le	Fly agaric, <i>Amanita muscaria</i> ☠	Amanitaceae	A
5260b 12,500Le	Japanese ringed-bulb Amanita, <i>Amanita ibotengutake</i> ☠	Amanitaceae	A
5260c 12,500Le	Liberty cap, <i>Psilocybe semianceata</i> ☠	Hymnogastraceae	A
5260d 12,500Le	Golden chanterelle, <i>Cantharellus cibarius</i>	Cantharellaceae	A
5268 50,000Le	Honey fungus, <i>Armillaria mellea</i>	Physalacriaceae	A
TUVALU			
2021 May 17 (M)			
1525 \$7	Unidentified mushrooms in margin of grasshopper SS		UZ
2021 July 5 (M)			
1532a \$2.50	Shaggy mane, <i>Coprinus sp.</i>	Agaricaceae	A
1532b \$2.50	Porcini, <i>Boletus sp.</i>	Boletaceae	A
1532c \$2.50	Chantarelle, <i>Cantharellus sp.</i>	Cantharellaceae	A
1532d \$2.50	Maitake, <i>Grifola sp.</i>	Meripilaceae	A

Look-Alikes**OMAN****2021 October 12 (M)**

675c 200b Unidentified coral - looks like a species of wood decaying bracket fungus
 675e 1,000b SS which includes 1 ea. Sc#675a-d

PORTUGAL**2021 May 28 (M)**

4311 1.20g (91c) Unidentified shapes which resemble mushrooms S
 4312 1.20g (91c) 3 colored shapes which resemble mushrooms S
 Common design with Singapore 2076a-b

SINGAPORE**2021 May 28 (M)**

2076a \$1.40 Unidentified shapes which resemble mushrooms NA S
 2076b \$1.40 3 colored shapes which resemble mushrooms NA S
 Common design with Portugal #4311-4312

SPAIN**2022 March 31 (M)**

4595 €4.60 Mailbox with top of Amanita mushroom S

Mycologists**POLAND****2022 March 7 (Person)**

4596 30g Louis Pasteur A

An appeal for information:

With the loss of Herrick as a supplier of new issues I need to find a reliable new issue service for mushrooms on stamps. Anyone who has a new issue service with which they are satisfied, please, let me know at paulmistretta70@gmail.com. I will list the responses in the next issue of Biophilately for the use of all mycophilatelists...

Austrian Fly Agaric

In the past, pieces of fly agaric soaked in milk were used to catch flies, which is probably how the mushroom got its name. Today, the fly agaric is a popular symbol of good luck. Commemorative stamp Fly agaric – PostAG

Amanita muscaria – Vancouver Mycological Society (vanmyco.org)

Designer: Marion Füllerer

Release date: August 26, 2022



Caveat Emptor (part 6)

1985-1995

Paul A. Mistretta, BU1681

In this installment I will get back to the original plan of documenting the illegal issues of mushrooms and lichens on stamps, in a more or less chronological order. Part 5's divergence into a block of similar issues seemed justified based on the common elements found in the issues documented. I will begin with the issues from 1985-1990 which I missed in my initial cataloging of these illegals, and then will continue with those "issued" between 1991 and 1995 of which I am aware. As before, I appeal to readers to please supplement the information I present. The information I have been able to glean from my collection and from internet sites is almost certainly incomplete and, as for many collectors, I would like to achieve completeness, if only in electronic form.

1985 - 1990



Figure 1



Figure 2



Figure 3a



Figure 3b



Figure 4

Russia 1973 - Known 7 MS/4d ea. -- values 4k, 6, 10k & 12k ea/MS. All SF frames similar, differing only in value and Genus and sp. names. Vignettes include 17 genera (15 spp.) of mushrooms. (Fig. 1 - example MS).

Redonda 1984 Single perforated stamp in Disney issue for Easter 1984 with an *Amanita sp.* shaped pair of partial Easter eggs (yellow = stipe, pink with spots = cap) at the LR. (not shown)

Redonda - 1985 - 2 perforated items (1 SF & 1 SS) in a set of Disney "stamps" commemorating the Brothers Grimm story "The Dragon and His Grandmother". Both contain a house with the basic shape of a bolete with a fat stipe (Fig. 2).

St. Vincent - 1988 - 2 SS (Sc#866 [2 x \$3.50] & 867 2 x \$6.00; with <M>s in selv.), Gold and back o/ps of questionable official validity. O/ps on Sc#866 - Halley's Comet Watch; 10th Anniversary of the first flight Paris to Rio de Janeiro; & the solar eclipse of June 30, 1973. O/ps on Sc#867 - Halley's Comet Watch; Halley's Comet Concorde Flight with map; "1835 • Mark Twain • 1910 • Halley's Comet • 1985". (Fig. 3)

Comoro Islands - 1990 - 2 IS (Sc#624 [150F] and Sc#626 [350F]) with unofficial o/ps unrelated to <M>s (Scouts, Lions Club & Rotary logos). Both sheets exist with gold and silver o/ps and may exist as SSs. (Fig. 4)

Congo, Peoples Republic - 1990 - 2 IS (Sc#743 [125F] and Sc#744 [200F]) with unofficial o/ps unrelated to <M>s (Scouts, Lions Club & Rotary logos). Both sheets exist with gold and silver o/ps and may exist as SSs. (o/p identical to that in Fig. 4)

1991 - 1995



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9

Abkhazia, Republic of - 1994 - 2 2500(?r) IS (silver or gold); <M>s in selv.

Abkhazia, Republic of - 1995 - MS/2of6d; 1800(?r) & 2700(?r); <M>s in LM & LL stamps

Batum - 1994 - MS/6d <M>s & MI/6d <M>s; 10(?r), 25(?r), 50(?r), 100(?r), 200(?r), & 300(?r), with o/p "НЕЗАВИСИМОСТЬ/INDEPENDENCE" (Fig. 7); also seen offered as singles from sheets with partial o/ps on 4 of the 6 stamps.

Batum - 1994 - MS/6d <M>s & MI/6d <M>s; 10(?r), 25(?r), 50(?r), 100(?r), 200(?r), & 300(?r), with o/p “PHILKOREA 94” in rectangle with show logo (Fig. 8).

Batum - 1994 - MS/6d <M>s & MI/6d <M>s; 10(?r), 25(?r), 50(?r), 100(?r), 200(?r), & 300(?r), with o/p “SINGPEX 94 / AUG 11 - SEP 1” in rectangular frame with lion logo between the rows of text (Fig. 9).

Batum - 1994 - Not seen - but I can't believe that these don't exist - the sheets and singles (as for the above 3 sets) without o/p.



Figure 10



Figure 11



Figure 12



Figure 13



Figure 14

Batum - 1995 - 2 serrate roulette 1800 (?r) <M> “stamps” (1 silver & 1 gold [Fig. 10]); + 2 imperf. SSs (silver & gold) & 1 compound MS (Fig. 10).

Easdale Island - 1991a - 2 £5 serrate roulette “stamps” (1 silver & 1 gold [Fig. 11]); + 2 imperf. SSs (silver & gold). *Lactarius*-like <M> at LL.

Easdale Island - 1991b - 2 £5 serrate roulette “stamps” (1 silver [Fig. 12] & 1 gold); + 2 imperf. SSs (silver [Fig. 13] & gold). Morel at LR. Single stamps also exist imperf.

Easdale Island - 1991 - 2 £5 imperf. SSs as for 1991a, o/p “PHILANIPPON '91 / TOKYO, JAPAN” in black (Fig. 14) or red.

Easdale Island - 1992 - 2 £5 imperf. SSs as 1991b o/p (black or red) “WORLD COLUMBIAN/STAMP EXPO '92 / CHIICAGO, ILLINOIS USA // The Discovery of America / 1492-1992 / 500th Anniversary” (similar to Fig 14)



Figure 15



Figure 16



Figure 17



Figure 18



Figure 19

Easdale Island - 1993a - 8SF (Figs. 15-16), MS/8d (Fig. 17), 4SS/2d (Fig. 18), 8 imperf. DS (Fig. 19); 1 <M>, 1 <L> and 1 <I> + 5 unrelated; all o/p (red or gold) “WORLD CHESS CHAMPIONSHIP / LONDON 1993” and “BANGKOCK 99”. Not seen without o/p, but prob exist.

Easdale Island - 1993b - ?all same configurations as EI 1993a? O/p (black or gold) “QUEEN MOTHER'S / 90th BIRTHDAY / AUGUST 1990”.

Easdale Island - 1993c - ?all same configurations as EI 1993a? O/p (red or gold) “40th ANNIVERSARY OF / THE CORONATION OF / HER MAJESTY / QUEEN ELIZABETH II / 1953 - 1993”.



Figure 20



Figure 21



Figure 22



Figure 23

Guyana - 1991 - 1 SS (\$800), <M>s in selv.; unauthorized issue; also, imperf SS (Fig. 20).

Guyana - 1993Aa - 2 \$600 serrate roulette stamps with <M> at UL (1 silver, 1 gold [Fig. 21]), 2 imperf SS (1 silver, 1 gold [Fig. 22]), 2 serrate. roulette stamps o/p “SPECIMEN” (Gold with silver o/p or silver with gold o/p), & 4 DS (1 gold, 1 silver & ea. o/p “SPECIMEN” [Fig. 23]).

Guyana - 1993Ab - 2 IS (silver or gold) <M> as in Guyana1993a, SSs configured as Fig. 6. O/p “1992 OLYMPIC / WINNERS” (not shown).

Guyana - 1993Ac - 2 IS (silver or gold) <M> as in Guyana1993a, SSs configured as Fig. 6. O/p “ALBERTVILLE / 1992 WINTER OLYMPIC GAMES / EDGAR GROSPIRON, FREESTYLE WINNER” (not shown)



Figure 24



Figure 25



Figure 26



Figure 27

Guyana - 1993B - 2 \$600 serrate roulette stamps with <M> at MR (1 silver, 1 gold [Fig. 24]). Probable other configurations like Guy 1993Aa.

Guyana - 1993C - 2 \$600 serrate roulette stamps with <M> at CB (1 silver [Fig. 25], 1 gold), 4 \$600 ISs (2 silver and 2 gold - 1 ea. as Fig. 26 and 27).



Figure 28



Figure 29



Figure 30

Guyana - 1995A - 2 \$600 IS/2s (silver or gold [Fig. 28]), <M> in selv. At TR.

Guyana - 1994B - 1 \$600 SS & 1 \$600 IS as Guyana 1991 (Fig. 20) with o/p “18th World Jamboree / August 1 -11-1995 / Holland” (not shown).

Mordovia - 1994 - ?5d o/p on 6d ST/20 (Sc#5454-5459??); not seen.

Somalia - 1993 - 4d <M> SFs; 200sh, 500sh, 800sh & 1500sh (Fig. 29)

Somalia - 1994 - 4d <M> SFs; 300sh, 400sh, 900sh & 1000sh (same vignette format as Fig 29)

Takistan - 1994 - listing for ops like those listed in part 5, unseen by me; 5d o/p on 6d ST/20 (Sc#5454-5459??). Note: the only information I have been able to develop relating to Takistan is: “Takistan is a fictional Central Asian country located near the fictional Green Sea. It borders the fictional country of Chernarus” (<https://community.bistudio.com/wiki/Takistan>).

Tartarstan - 1994 - IM/6d <M> “stamps”; 950-, 1300-, 2500-, 3000-, 4000- & 5000- (Fig. 30)

**ANIMALS; DOGS & CATS; HORSES; INSECTS; BUGS BUTTERFLIES;
MALARIA; FLOWERS & PLANTS; ORCHIDS MUSHROOMS; MARINE
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MAMMALIA

Editor
Michael Prince, LM 68



New Issues

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
BELARUS				
2022 January 18 (New Year 2022 – Year of the Tiger) Single				
1271	(2.04r)	Tiger, <i>Panthera tigris</i>	Felidae	A
FRENCH SOUTHERN & ANTARCTIC TERR. 2021 November 2 (Wildlife) Set/5, MS/5				
660	10c	Orca (Killer Whale). <i>Orcinus orca</i>	Delphinidae	A
665		Minisheet of 5		
665a	€1	Same species	Delphinidae	A MS
GABON				
2014 December 1 (Cooperation between Gabon & China, 40y) Set/4				
1105		Block of 4		
1105c	500fr	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A
1105d	500fr	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A
HUNGARY				
2022 January 25 (New Year 2022 – Year of the Tiger) SS/2				
4621	2 x 780fo	Tiger, <i>Panthera tigris</i>	Felidae	A SS
KAZAKHSTAN				
2021 December 27 (Ungulates) Set/2				
973a	900te	Goitered Gazelle, <i>Gazella subgutturosa</i>	Bovidae	A
973b	900te	Bactrian Deer or Hanglu, <i>Cervus elaphus bactrianus</i>	Cervidae	
A				
KYRGYZSTAN				
2020 August 14 (Bats) Set/3				
633	36s	Grey Big-eared Bat, <i>Plecotus austriacus</i>	Vespertilionidae	A
634	76s	Same species	Vespertilionidae	A
2021 April 2 (Badgers) Set/3, SS/3				
651	55s	Asian Badger, <i>Meles leucurus</i>	Mustelidae	NEW
A				
652	66s	Same species	Mustelidae	A
653	118s	Same species	Mustelidae	A
653a		Souvenir sheet #651-53		
LIBERIA				
2020 October 26 (Lions) Set/4, SS/1				
3492a-d	\$300	Lion, <i>Panthera leo</i>	Felidae	A MS
3506	\$1200	Lion, <i>Panthera leo</i>	Felidae	A SS
		Unidentified prey – possibly gazelle species	Bovidae	A SS Z
2020 November 30 (Pandas) Set/4, 2xSS				
3570a	\$300	Red Panda, <i>Ailurus fulgens</i>	Ailuridae	A MS
3570b	\$300	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A MS
3570c	\$300	Same species	Ursidae	A MS
3570d	\$300	Red Panda, <i>Ailurus fulgens</i>	Ailuridae	A MS
3588	\$1200	Red Panda, <i>Ailurus fulgens</i>	Aluridae	A SS
		In margin: Same species	Aluridae	A SS Z
3589	\$1200	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A SS
		In margin: Same species	Ursidae	A SS Z
2020 November 30 (Tigers) Set/4. 2xSS				

3571a	\$300	Bengal Tiger, <i>Panthera tigris tigris</i>	Felidae	A MS
3571b	\$300	Same species	Felidae	A MS
LIBERIA (continued)				
3571c	\$300	Javan Tiger, <i>Panthera tigris sondaica</i>	Felidae	
A MS				
3571d	\$300	Bengal Tiger, <i>Panthera tigris tigris</i>	Felidae	A MS
3590	\$1200	Bengal Tiger, <i>Panthera tigris tigris</i>	Felidae	A SS
		In margin: Same species	Felidae	A SS Z
3591	\$1200	Javan Tiger, <i>Panthera tigris sondaica</i>	Felidae	
A SS				
		In margin: Same species	Felidae	A SS Z
2020 November 30 (Dugongs) Set/4, 2xSS				
3574a-d	\$300	Dugong, <i>Dugong dugon</i>	Dugongidae	A MS
3596	\$1200	Dugong, <i>Dugong dugon</i>	Dugongidae	A SS
3597	\$1200	Dugong, <i>Dugong dugon</i>	Dugongidae	A SS
2020 November 30 (Dolphins) Set/4, SS/1				
3575a	\$300	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae	A MS
3575b	\$300	Same species	Delphinidae	A MS
3575c	\$300	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A MS
3575d	\$300	Same species	Delphinidae	A MS
3598	\$1200	Long-beaked Common Dolphin, <i>Delphinus capensis</i>	Delphinidae	A SS
3599	\$1200	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae	A SS
		In margin: Same species	Delphinidae	A SS Z
MALAYSIA 2020 June 18 (Marine Life) Set/5, SS/1				
1855	\$1.40	Indo-Pacific Humpbacked Dolphin, <i>Sousa chinensis</i>	Delphinidae	A
1859	\$1.90	Dugong, <i>Dugong dugon</i>	Dugongidae	A
MONGOLIA 2022 January 3 (New Year 2022 – Year of the Tiger)				
Pair				
2988		Pair		
2988a	650t	Tiger, <i>Panthera tigris</i>	Felidae	A
2988b	650t	Same species	Felidae	A
MONTENEGRO 2021 March 15 (Otter) Single				
474	95c	Eurasian Otter, <i>Lutra lutra</i>	Mustelidae	A
NORWAY 2021 June 11 (Norwegian Association of Hunters & Anglers, 150y) Set/2				
1921	(24k)	Red Deer (Elk), <i>Cervus elaphus</i>	Cervidae	A
OMAN 2020 December 24 (Whales and Dolphins) Set/5, SS/5				
665		Strip of 5		
665a	100b	Blue Whale, <i>Balaenoptera musculus</i>	Balaenopteridae	A
665b	100b	Arabian Sea Humpbacked Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A
665c	200b	Indian Ocean Humpbacked Dolphin, <i>Sousa plumbea</i>	Delphinidae	NEW
A				
665d	300b	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae	A
665e	500b	Indo-Pacific Bottlenose Dolphin, <i>Tursiops aduncus</i>	Delphinidae	A
665f		Souvenir sheet of 5, #665a-665e		
PARAGUAY 2021 November 22 (Jaguars) SS/3				
3144		Jaguar, <i>Panthera onca</i>	Felidae	A SS

Vol.	Issue	Biophilately	Date	Category	Family	Count
71(3)		September 2022				161
3144a-c		Same species			Felidae	A SS
POLAND		2022 February 1 (New Year 2022 – Year of the Tiger)		Single		
4591	4z	Tiger, <i>Panthera tigris</i>			Felidae	A
PORTUGAL		2021 July 2 (Protected Areas)		Set/5		
4340	54c	Red Deer (Elk), <i>Cervus elaphus</i>			Cervidae	A
Azores		2021 May 7 (Europa)		Set/2, SS/2		
620	88c	Blue Whale, <i>Balaenoptera musculus</i>			Balaenopteridae	A
621	88c	Azores Noctule Bat, <i>Nyctalus azoreum</i>			Vespertilionidae	NEW A SS
		#621 only issued as a sheet of 2 with #620				
ROMANIA		2021 April 22 (Europa)		Set/2, 2xSS/4		
6565	3.40l	European Mink, <i>Mustela lutreola</i>			Mustelidae	A
6565a		Tete-beche pair				
6566c		Souvenir sheet of 4, #6565 at UL				
6566d		Souvenir sheet of 4, #6566 at UL				
		2021 July 27 (Membership in UNESCO, 65y)		Set/4		
6608	7l	Eurasian Beaver, <i>Castor fiber</i>			Castoridae	A
		2021 August 12 (Desert Animals)		Set/4		
6613	2l	Dromedary, <i>Camelus dromedarius</i>			Camelidae	A
6615	9l	Fennec Fox, <i>Vulpes zerda</i>			Canidae	A
6616	10.50l	Addax, <i>Addax nasomaculatus</i>			Bovidae	A
ST. THOMAS & PRINCE ISLANDS		2018 March 13 (Pandas)		Set/4, SS/1		
3510a	31d	Red Panda, <i>Ailurus fulgens</i>			Ailuridae	A MS
3510b	31d	Giant Panda, <i>Ailuropoda melanoleuca</i>			Ursidae	A MS
3510c	31d	Same species			Ursidae	A MS
3510	31d	Red Panda, <i>Ailurus fulgens</i>			Ailuridae	A MS
3530	124d	Red Panda, <i>Ailurus fulgens</i>			Ailuridae	A SS
		In margin: Giant Panda, <i>Ailuropoda melanoleuca</i>			Ursidae	A SS Z
		2018 March 13 (Extinct Species)		Set/4, SS/1		
3515b	31d	†Eastern Cougar, † <i>Puma concolor cougar</i>			Felidae	A MS
3515c	31d	†Cave Bear, † <i>Ursus spelaeus</i>			Ursidae	A MS
3535	124d	†Barbados Raccoon, † <i>Procyon lotor gloveralleni</i>			Procyonidae	A SS
		2018 May 19 (Tigers)		Set/4, SS/1		
3537a	31d	Tiger, <i>Panthera tigris</i>			Felidae	A MS
3537b	31d	Same species			Felidae	A MS
3537c	31d	Same species			Felidae	A MS
3537d	31d	Bengal Tiger, <i>Panthera tigris tigris</i>			Felidae	A MS
3556	124d	Tiger, <i>Panthera tigris</i>			Felidae	A SS
		In margin: Snow Leopard, <i>Panthera uncia</i>			Felidae	A SS Z
ST. VINCENT		2020 October (Rabbits)		Set/4, SS/1		
4187a	\$5.50	American Rabbit, <i>Oryctolagus cuniculus</i>			Leporidae	A MS
4187b	\$5.50	Jersey Woolly Rabbit, <i>Oryctolagus cuniculus</i>			Leporidae	A MS
4187c	\$5.50	Flemish Giant Rabbit, <i>Oryctolagus cuniculus</i>			Leporidae	A MS
4187d	\$5.50	Eastern Cottontail, <i>Sylvilagus floridanus</i>			Leporidae	A MS
4188	\$14	Checkered Giant Rabbit, <i>Oryctolagus cuniculus</i>			Leporidae	A SS
SIERRA LEONE		2019 January 30 (Pandas)		Set/4, SS/1		
5171a	12,500Le	Giant Panda, <i>Ailuropoda melanoleuca</i>			Ursidae	A MS

5171b	12,500Le	Same species	Ursidae	A MS
5171c	12,500Le	Red Panda, <i>Ailurus fulgens</i>	Ailuridae	A MS
5171d	12,500Le	Same species	Ailuridae	A MS
5183	50,000Le	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A SS
2019 January 30 (African Fauna) Set/4, SS/1				
5172a	12,500Le	African Buffalo, <i>Syncerus caffer</i>	Bovidae	A MS
5172b	12,500Le	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A MS
SIERRA LEONE (continued)				
5172c	12,500Le	White Rhinoceros, <i>Ceratotherium simum</i>	Rhinocerotidae	A MS
5172d	12,500Le	Gemsbok, <i>Oryx gazella</i>	Bovidae	A MS
5184	50,000Le	Blue Wildebeest, <i>Connochaetes taurinus</i>	Bovidae	A SS
		Plains Zebra, <i>Equus quagga</i>	Equidae	A SS Z
2019 February 27 (Orcas) Set/4, SS/1				
5210a-d	12,500Le	Orca (Killer Whale), <i>Orcinus orca</i>	Delphinidae	A MS
5223	50,000Le	Orca (Killer Whale), <i>Orcinus orca</i>	Delphinidae	A SS
2019 February 27 (Monkeys) Set/4, SS/1				
5211a	12,500Le	Red Howler Monkey, <i>Alouatta seniculus</i>	Atelidae	A MS
5211b	12,500Le	Japanese Macaque, <i>Macaca fuscata</i>	Cercopithecidae	A MS
5211c	12,500Le	Vervet Monkey, <i>Chlorocebus pygerythrus</i>	Cercopithecidae	A MS
5211d	12,500Le	Proboscis Monkey, <i>Nasalis larvatus</i>	Cercopithecidae	A MS
5224	50,000Le	Panamanian White-faced Capuchin, <i>Cebus capuchinus imitator</i>	Cebidae	A SS
In margin:		Western Lowland Gorilla, <i>Gorilla gorilla gorilla</i>	Hominidae	A SS Z
2019 February 27 (Elephants) Set/4, SS/1				
5213a	12,500Le	Asiatic Elephant, <i>Elephas maximus</i>	Elephantidae	A MS
5213b	12,500Le	African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A MS
5213c	12,500Le	Same species	Elephantidae	A MS
5213d	12,500Le	Same species	Elephantidae	A MS
5226	50,000Le	Indian Elephant, <i>Elephas maximus indicus</i>	Elephantidae	A SS
In margin:		African Bush Elephant, <i>Loxodonta africana</i>	Elephantidae	A SS Z
2019 February 27 (Antarctic Wildlife) Set/4, SS/1				
5217b	12,500Le	Crabeater Seal, <i>Lobodon carcinophagus</i>	Phocidae	A MS
5230	50,000Le	Orca (Killer Whale), <i>Orcinus orca</i>	Delphinidae	A SS
In margin:		Same species	Delphinidae	A SS Z
2019 February 27 (Endangered Species) Set/4, SS/1				
5218a	12,500Le	Amur Leopard, <i>Panthera pardus orientalis</i>	Felidae	A MS
5218b	12,500Le	African Wild Dog, <i>Lycaon pictus</i>	Canidae	A MS
5218d	12,500Le	Tiger, <i>Panthera tigris</i>	Felidae	A MS
5231	50,000Le	Chimpanzee, <i>Pan troglodytes</i>	Hominidae	A MS
In margin:		Western Lowland Gorilla, <i>Gorilla gorilla gorilla</i>	Hominidae	A SS Z
2019 March 28 (Dolphins) Sete/4, SS/1				
5254a	12,500Le	Indo-Pacific Bottlenose Dolphin, <i>Tursiops aduncus</i>	Delphinidae	A MS
5254b	12,500Le	Burranan Dolphin, <i>Tursiops australis</i>	Delphinidae	NEW
5254c	12,500Le	Pacific White-sided Dolphin, <i>Lagenorhynchus obliquidens</i>	Delphinidae	A MS
5254d	12,500Le	Heaviside's Dolphin, <i>Cephalorhynchus heavisidii</i>	Delphinidae	A MS
5262	50,000Le	Amazon River Dolphin, <i>Inia geoffrensis</i>	Iniidae	A SS
In margin:		Atlantic Spotted Dolphin, <i>Stenella frontalis</i>	Delphinidae	A SS Z
2019 March 28 (Animals Affected by Global Warming) Set/4, SS/1				
5259b	12,500Le	Polar Bear, <i>Ursus maritimus</i>	Ursidae	A MS
5259c	12,500Le	Ringed Seal, <i>Pusa hispida</i>	Phocidae	A MS
2019 March 28 (WWF stamps on stamps of various countries) 2xMS of 9; 18xSS				

5272b	9200Le	Leopard, <i>Panthera pardus</i> (Afghanistan #1183 s-o-s)	Felidae	A MS
5272d	9200Le	Barbary Macaque, <i>Macaca sylvanus</i> (Algeria 1988 #873 s-o-s)	Cercopithecidae	A MS
5272f	9200Le	Alpine Chamois, <i>Rupicapra rupicapra</i> (Albania #2333 s-o-s)	Bovidae	A MS
5272g	9200Le	Sable Antelope, <i>Hippotragus niger</i> (Angola #784 s-o-s)	Bovidae	A MS
5273e	9200Le	Wild Goat, <i>Capra aegagrus</i> (Armenia #541 s-o-s)	Bovidae	A MS
5273g	9200Le	Leopard Seal, <i>Hydrurga leptonyx</i> (Australian Ant. Terr. #L118c s-o-s)	Phocidae	A MS
5273i	9200Le	Chaco Peccary, <i>Catagonus wagneri</i> (Argentina #2192d s-o-s)	Tayassuidae	A MS

SIERRA LEONE (continued)

5274	15,000Le	Leopard, <i>Panthera pardus</i> (Afghanistan #1174 s-o-s)	Felidae	A SS
5277	15,000Le	Alpine Chamois, <i>Rupicapra rupicapra</i> (Albania #2334 s-o-s)	Bovidae	A SS
5279	15,000Le	Barbary Macaque, <i>Macaca sylvanus</i> (Algeria #875 s-o-s)	Cercopithecidae	A SS
5280	15,000Le	Giant Sable Antelope, <i>Hippotragus niger varians</i> (Angola #781 s-o-s)	Bovidae	A SS
5283	15,000Le	Pampas Deer, <i>Ozotoceros bezoarcticus</i> (Argentina #2192a s-o-s)	Bovidae	A SS
5284	15,000Le	Wild Goat, <i>Capra aegagrus</i> (Armenia #543 s-o-s)	Bovidae	A SS
5288	15,000Le	Leopard Seal, <i>Hydrurga leptonyx</i> (Australian Antarctic Terr. #L118b s-o-s)	Phocidae	

SPAIN**2021 June 10** (Animals in Cabarceno Nature Park) Single

4533	€2.50	Asiatic Elephant, <i>Elephas maximus</i>	Elephantidae	A
		Giraffe, <i>Giraffa camelopardalis</i>	Giraffidae	A
		Plains Zebra, <i>Equus quagga</i>	Equidae	A

SWITZERLAND**2022 March 3** (Fauna)

1859	230c	Hazel Dormouse, <i>Muscardinus avellanarius</i>	Gliridae	A
1859a		Block of 4		

TONGA**2020 January 28** (Whales and Dolphins)

1388	75s	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae	A
1389	1pa	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A
1390	5pa	Orca (Killer Whale), <i>Orcinus orca</i>	Delphinidae	A
1391	11.80pa	Striped Dolphin, <i>Stenella coeruleoalba</i>	Delphinidae	A
1392	12.10pa	Hector's Dolphin, <i>Cephalorhynchus hectori</i>	Delphinidae	A
1393	20pa	Common Minke Whale, <i>Balaenoptera acutorostrata</i>	Balaenopteridae	

A

1394	50pa	Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae	A
1395	60pa	Long-beaked Common Dolphin, <i>Delphinus capensis</i>	Delphinidae	A

2020 January 28 (Whales and Dolphins) Set/8, without white frames

1396a	75s	Spinner Dolphin, <i>Stenella longirostris</i>	Delphinidae	A
1396b	1pa	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	A
1396c	5pa	Orca(Killer Whale), <i>Orcinus orca</i>	Delphinidae	A
1396d	11.80pa	Striped Dolphin, <i>Stenella coeruleoalba</i>	Delphinidae	A
1397a	12.10pa	Hector's Dolphin, <i>Cephalorhynchus hectori</i>	Delphinidae	A
1397b	20pa	Common Minke Whale, <i>Balaenoptera acutorostrata</i>	Balaenopteridae	

A

1397c	50pa	Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae	A
1397d	60pa	Long-beaked Common Dolphin, <i>Delphinus capensis</i>	Delphinidae	A

2021 May 24 (Giant Panda) Set/4, SS/1

1446	50s	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A MS
1447	1pa	Giant Panda, <i>Ailuropoda melanoleuca</i>	Ursidae	A MS
1448	2.80pa	Same species	Ursidae	A MS

1449	6.90pa	Same species		Ursidae	A MS
1450	12.50pa	Same species		Ursidae	A SS
May 24, 2021 (Items in Smithsonian Institution Museums and Collections) Set/12					
1456		Sheet of 6			
1456e	40s	Przewalski's Horse, <i>Equus przewalskii</i>		Equidae	A MS
Niuafu'ou		2020 January 28 (Whales and Dolphins)		Set/8, white frames	
410	75s	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>		Delphinidae	A
411	1pa	Bryde's Whale, <i>Balaenoptera edeni brydei</i>		Balaenopteridae	A
412	5pa	Short-beaked Common Dolphin, <i>Delphinus delphis</i>		Delphinidae	A
413	11.80pa	False Killer Whale, <i>Pseudorca crassidens</i>		Delphinidae	A
Niuafu'ou (continued)					
414	12.10pa	Short-finned Pilot Whale, <i>Globicephala macrorhynchus</i>		Delphinidae	A
415	20pa	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>		Delphinidae	A
416	50pa	Pacific White-sided Dolphin, <i>Lagenorhynchus obliquidens</i>		Delphinidae	A
417	60pa	Blue Whale, <i>Balaenoptera musculus</i>		Balaenopteridae	A
		2020 January 28 (Whales and Dolphins)		Set/8, without white frames	
418a	75s	Atlantic Spotted Dolphin, <i>Stenella frontalis</i>		Delphinidae	A
418b	1pa	Bryde's Whale, <i>Balaenoptera edeni brydei</i>		Balaenopteridae	A
418c	5pa	Short-beaked Common Dolphin, <i>Delphinus delphis</i>		Delphinidae	A
418d	11.80pa	False Killer Whale, <i>Pseudorca crassidens</i>		Delphinidae	A
419a	12.10pa	Short-finned Pilot Whale, <i>Globicephala macrorhynchus</i>		Delphinidae	A
419b	20pa	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>		Delphinidae	A
419c	50pa	Pacific White-sided Dolphin, <i>Lagenorhynchus obliquidens</i>		Delphinidae	A
419d	60pa	Blue Whale, <i>Balaenoptera musculus</i>		Balaenopteridae	A
		2021 May 24 (Clouded Leopard)		Set/4, SS/1	
441	10s	Clouded Leopard, <i>Neofelis nebulosa</i>		Felidae	A MS
442	2pa	Same species		Felidae	A MS
443	2.70pa	Same species		Felidae	A MS
444	7pa	Same species		Felidae	A MS
445	11.70pa	Same species		Felidae	A MS
TURKEY		2021 May 9 (Europa)		Set/2	
3753	3l	Mediterranean Monk Seal, <i>Monachus monachus</i>		Phocidae	A
TUVALU		2021 July 5 (Dolphins)		Set/4	
1530a	\$2.50	Indo-Pacific Bottlenose Dolphin, <i>Tursiops aduncus</i>		Delphinidae	A MS
1530b	\$2.50	Same species		Delphinidae	A MS
1530c	\$2.50	Long-beaked Common Dolphin, <i>Delphinus capensis</i>		Delphinidae	A MS
1530d	\$2.50	Same species		Delphinidae	A MS
UNITED NATIONS					
New York		2022 March 16 (Endangered Species)		Set/4	
1297	\$1.30	Pygmy Three-toed Sloth, <i>Bradypus pygmaeus</i>		Bradypodidae	A
1300	\$1.30	Jaguar, <i>Panthera onca</i>		Felidae	A
1300a		Block of 4			



ORNITHOLOGY

Editor

Glenn G. Mertz, BU 1455



Corrections/Updates

DOMINICA, V71(1), page 37

Correction: 2812a should be sheet of six, Sc#2821a-f

The following issues have had Scott numbers assigned.

ST. THOMAS & PRINCE IS., V68(2), p133

Updates: 3/13/18 (Extinct Species) (MS/4=Sc#3515a-d) (SS/1=Sc#3533-in surrounds
(Hornbills) (MS/4=Sc#3512a-d) (SS/1=Sc#3532)
(Birds of Prey) (MS/4=Sc#3511a-d) (SS/1=Sc#3531)

Updates: V68(1), p44

5/19/18 (250th Anniv, Alexander Wilson) (MS/4=Sc#3548a-d) (SS/1=Sc#3567)
(Owls) (MS/4=Sc#3539a-d) (SS/1=Sc#3558)

SIERRA LEONE, V68(2), p136

Updates: 1/30/19 (Rare Birds) (MS/4=Sc#5173a-d) (SS/1=Sc#5185)
(Owls) (MS/4=Sc#5174a-d) (SS/1=Sc#5186a)
(Water Birds) (MS/4=Sc#5175a-d) (SS/1=Sc#5187)

Update: Missed (African Fauna) (MS/4=Sc#5172a-d, one stamp a bird

Sc#5172, 2,500le Cattle Egret, *Bubulcus ibis* Ardeidae

2/27/19 (Indian Trains) (MS/4=Sc#5203c)
(Endangered Species) (MS/4=Sc#5218c)
V68(3), p207

3/28/19 (Tropical Birds) (MS/4=Sc#5256a-d) (SS/1=Sc#5264)
(Kingfishers) (MS/4=Sc#5255a-d) (SS/1=Sc#5263)
(Global Warming) (MS/4=Sc#5259) (SS/1=Sc#5267)

New Issues

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
AUSTRALIA				
2021 October 5 (Animals using Mimicry) Set/3				
5374	\$1.10	Tawny Frogmouth, <i>Podargus strigoides</i>	Podargidae	A*
BELGIUM				
2021 January 25 Single				
2938	(77c)	Common Cuckoo, <i>Cuculus canorus</i>	Cuculidae	A*
CENTRAL AFRICAN REPUBLIC				
2022 February 10 (Owls) Set/3, SS/1				
N/A	1,200fr	Pallid Scops-Owl, <i>Otus brucei</i>	Strigidae	A*
N/A	1,200fr	Pharaoh Eagle-Owl, <i>Bubo ascalaphus</i>	Strigidae	
N/A	1,200fr	Bismarck Boobook, <i>Ninox variegata</i> V71(2)	Strigidae	
(Also known as Bismarck Hawk-Owl)				
N/A	3,600fr	SS Java Owl, <i>Strix javanica</i>	Strigidae	
In margin: Bearded Screech-Owl, <i>Megascops barbarous</i> (UL & UR) V71(2)				
Eastern Screech-Owl, <i>Megascops asio</i> (LR)				

CENTRAL AFRICAN REPUBLIC (continued)

			2022 February 10 (Toucans)	Set/3, SS/1	A*
N/A	1,200fr	Saffron Toucanet, <i>Pteroglossus bailloni</i>		Ramphastidae	
N/A	1,200fr	Toco Toucan, <i>Ramphastos toco</i>		Ramphastidae	
N/A	1,200fr	Yellow-throated Toucan, <i>Ramphastos ambiguus</i>		Ramphastidae	
		(Name was changed fr. Black-mandibled Toucan)			
N/A	3,600fr	SS White-throated Toucan, <i>Ramphastos tucanus</i>		Ramphastidae	
	In margin:	Red-necked Aracari, <i>Pteroglossus bitorquatos</i>		Ramphastidae	
			2022 February 10 (Vultures)	Set/3, SS/1	A*
N/A	1,200fr	Slender-billed Vulture, <i>Gyps tenuirostris</i>		Accipitridae	
N/A	1,200fr	Bearded Vulture, <i>Gypaetus barbatus</i>		Accipitridae	
N/A	1,200fr	Egyptian Vulture, <i>Neophron percnopterus</i>		Accipitridae	
N/A	3,600fr	SS Cinereous Vulture, <i>Aegyptius monachus</i>		Accipitridae	
	In margin:	Griffon Vulture, <i>Gyps fulvus</i>		Accipitridae	

DJIBOUTI

			2022 January 24 (Owls)	Set/3, 2xSS	A*
N/A	350fr	Powerful Owl, <i>Ninox strenua</i> (LS)		Strigidae	
		Boreal Owl, <i>Aegolius funereus</i> (RS)		Strigidae	
N/A	350fr	Barn Owl, <i>Tyto alba</i> (LS)		Tytonidae	
		Lesser Sooty-Owl, <i>Tyto multipunctata</i> (RS)		Tytonidae	
		(Now lumped w/Sooty Owl, <i>Tyto tenebricosa</i>)			
N/A	350fr	Rufous Owl, <i>Ninox rufa</i> (LS)		Strigidae	
		Eurasian Eagle-Owl, <i>Bubo bubo</i> (RS)		Strigidae	
N/A	1,000fr	SS Australian Masked-Owl, <i>Tyto novaehollandiae castanops</i> (ssp)		Tytonidae	
	In margin:	Australasian Grass-Owl, <i>Tyto longimembris</i> (UL)		Tytonidae	
		Southern Boobook, <i>Ninox boobook</i> (RS)		Strigidae	
N/A	1,000fr	SS Little Owl, <i>Athene noctua</i>		Strigidae	
			2022 January 24 (Birds of Africa)	Set/3, 2xSS	A*
N/A	350fr	Palm-nut Vulture, <i>Gypohierax angolensis</i>		Accipitridae	
		(Bird on left, ♂, on right, ♀)			
N/A	350fr	Ostrich, <i>Struthio camelus</i> (LS)		Struthionidae	
		Lanner Falcon, <i>Falco biarmicus</i> (RS)		Falconidae	
N/A	350fr	Mocking Cliff-Chat, <i>Thamnolaea cinnamomeiventris</i>		Muscicapidae	
		(LS) Top bird, V71(2)			
		Middle bird, <i>T.c kardofanensis</i> (ssp)		Muscicapidae	
		Lower bird. <i>T.c. coronata</i> (ssp)		Muscicapidae	
		Barn Owl, <i>Tyto alba</i>		Tytonidae	
N/A	1,000fr	SS Somali Sparrow, <i>Passer castanopterus</i> V71(2)		Passeridae	
	In margin:	Egyptian Vulture, <i>Neophron percnopterus</i> (LS) A		ccipitridae	
		Bird on right side not identified			
N/A	1,000fr	SS African Finfoot, <i>Podica senegalensis</i>		Heliornithidae	
	In margin:	Shoebill, <i>Balaeniceps rex</i> (UL)		Balaenicipitidae	
		African Harrier-Hawk, <i>Polyboroides typus</i>		Accipitridae	
			2022 March 30 (Hummingbirds)	Set/3, 2xSS	A*
N/A	350fr	Tawny-bellied Hermit, <i>Phaethornis syramatophorus</i>		Trochilidae	
N/A	350fr	Long-tailed Hermit, <i>Phaethornis superciliosus</i>		Trochilidae	
N/A	350fr	Pale-tailed Barbthroat, <i>Threnetes leucurus cervinecauda</i> (ssp)		Trochilidae	New
	In margin:	Scale-throated Hermit, <i>Phaethornis eurynome</i> (UL)		Trochilidae	

(This was previously shown on a 1981 Eynhallow local issue and on a Mozambique SS of 11/14/2016 in the margin)

DJIBOUTI (continued)

		White-bearded Hermit, <i>Phaethornis hispidus</i> New	Trochilidae	
N/A	1,000fr	SS Stripe-throated Hermit, <i>Phaethornis striigularis</i> V71(3)	Trochilidae	
	In margin:	Band-tailed Barbthroat, <i>Threnetes ruckeri</i> (UL)	Trochilidae	
		Sooty-capped Hermit, <i>Phaethornis augusti</i> V71(3)	Trochilidae	
N/A	1,000fr	SS White-whiskered Hermit, <i>Phaethornis yaruqui</i> V71(3)	Trochilidae	
	In margin:	Planalto Hermit, <i>Phaethornis pretrei</i>	Trochilidae	
		2022 March 30 (Raptors)	Set/3, 2xSS	A*
N/A	350fr	Spotted Harrier, <i>Circus assimilis</i>	Accipitridae	
N/A	350fr	Letter-winged Kite, <i>Elanus scriptus</i>	Accipitridae	
N/A	350fr	Brown Falcon, <i>Falco berigora</i>	Falconidae	
	In margin:	Gray Falcon, <i>Falco hypoleucos</i> (UL)	Falconidae	
		Peregrine Falcon, <i>Falco peregrinus</i> (CTR)	Falconidae	
		Mantled Hawk, <i>Pseudastur polionotus</i> (UR) New	Accipitridae	
N/A	1,000fr	SS King Vulture, <i>Sarcoramphus papa</i>	Cathartidae	
	In margin:	Australian Hobby, <i>Falco longipennis</i> (UL)	Falconidae	
		Nankeen Kestrel, <i>Falco cenchroides</i> (RS & CTR)	Falconidae	
N/A	1,000fr	SS Golden Eagle, <i>Aquila chrysaetos</i>	Accipitridae	
	In margin:	African Fish-Eagle, <i>Haliaeetus vocifer</i> (LS)	Accipitridae	
		Bearded Vulture, <i>Gypaetus barbatus</i> (RS)	Accipitridae	
		2022 March 30 (Protected Birds)	Set/2, 2xSS	A*
N/A	350fr	Gray-crowned Crane, <i>Balearica regulorum</i>	Gruidae	
N/A	350fr	Regent Honeyeater, <i>Anthochaera phrygia</i>	Meliphagidae	
N/A	350fr	New Zealand Kaka, <i>Nestor meridionalis</i>	Strigopidae	
	In margin:	Atlantic Puffin, <i>Fratercula arctica</i>	Alcidae	
N/A	1,000fr	SS Steller's Sea-Eagle, <i>Haliaeetus pelagicus</i>	Accipitridae	
	In margin:	South Island Takahē, <i>Porphyrio hochstetteri</i>	Rallidae	
N/A	1,000fr	SS Northern Bald Ibis, <i>Geronticus eremita</i>	Threskiornithidae	
	In margin:	Snowy Owl, <i>Bubo scandiacus</i>	Strigidae	
		FAROE ISLAND	2021 April 28 (Type of 2021, SA in bool;et)	Set/2 A*
786	17k	Atlantic Puffin, <i>Fratercula arctica</i>	Alcidae	
787	27k	Same species	Alcidae	
		FRENCH S. & ANTARCTIC TERR.	2021 November 4 (Fauna of Crozet Island)	Set/5 A*
661	20c	Australasian Gannet, <i>Morus serrator</i>	Sulidae	
662	40c	Atlantic Yellow-nosed Albatross, <i>Thalassarche chlororhynchos</i>	Diomeidae	
663	40c	Emperor Penguin, <i>Aptenodytes forsteri</i>	Spheniscidae	
664	50c	Great Frigatebird, <i>Fregata minor</i>	Fregatidae	
665a	Sheet of 5, Sc#660a-665e			
		2022 January 2	Single	A*
676	€2.00	White-chinned Petrel, <i>Procellaria aequinoctialis</i>	Procellariidae	
		GREENLAND	2021 June (Europa)	Set/2 A*
868	17k	Greater White-fronted Goose, <i>Anser albifrons</i>	Anatidae	
		GUINEA-BISSAU	2021 November 5 (Critically Endangered Species)	2xSS A*
N/A	2,000fr	SS Regent Honeyeater, <i>Anthochaera phrygia</i>	Meliphagidae	
N/A	2,000fr	SS California Condor, <i>Gymnogyps californianus</i>	Cathartidae	
	In margin:	Ivory-billed Woodpecker, <i>Campephilus principalis</i>	Picida	
		2021 November 5 (Owls and Mushrooms)	Set/3	A*
N/A	1,000fr	Barn Owl, <i>Tyto alba</i>	Tytonidae	

GUINEA-BISSAU (continued)

N/A	1,000fr	Long-eared Owl, <i>Asio otus</i>	Strigidae	
			2021 November 5 (Antarctica)	Set/3, SS/1 A*
N/A	1,000fr	Gentoo Penguin, <i>Pygoscelis papua</i>	Spheniscidae	
N/A	2,000fr SS	Adelie Penguin, <i>Pyoscelis adeliae</i>	Spheniscidae	
		In margin: South Polar Skua, <i>Stercorarius maccormicki</i>	Stercorariidae	
			2021 November 5 (Extinct Birds)	Set/2, 3xSS A*
N/A	1,000fr	†Carolina Parakeet, † <i>Conuropsis carolinensis</i>	Psittacidae	
N/A	1,000fr	†Dodo, † <i>Raphus cucullatus</i>	Columbidae	
N/A	1,000fr	†Passenger Pigeon, † <i>Ectopistes migratorius</i>	Columbidae	
N/A	2,000fr SS	†Great Auk, † <i>Pinguinus impennis</i>	Alcidae	
		In margin: † <i>Hesperornis regalis</i>	†Hesperornithidae	
N/A	2,000fr SS	†Emu, † <i>Dromaius novaehollandiae</i>	Casuariidae	
		In margin: †South Island Giant Moa, † <i>Dinornis robustus</i>	†Dinornithidae	
N/A	2,000fr SS	†Gastornis, † <i>Gastornis gigantea</i> V71(1)	†Gastornithidae	
		In margin: †Phorusrhacos, † <i>Phorusrhacos longissimus</i>	†Phorusrhacidae	
			2021 November 25 (Raptors)	Set/4, 4xSS A*
N/A	1,000fr	Red Kite, <i>Milvus milvus</i>	Accipitridae	
N/A	2,000fr SS	Bateleur, <i>Terathopius ecaudatus</i>	Accipitridae	
		In margin: Red-necked Falcon, <i>Falco chicquera</i> (UL)	Falconidae	
		Long-crested Eagle, <i>Lophaetus occipitalis</i> (RS)	Accipitridae	
Note: The two birds in the margin will be the same on the other 3 SS..				
N/A	2,000fr SS	White-backed Vulture, <i>Gyps africanus</i>	Accipitridae	
N/A	2,000fr SS	Marsh Owl, <i>Asio capensis</i>	Strigidae	
N/A	2,000fr SS	Yellow-billed Kite, <i>Milvus migrans aegyptius</i> (ssp)	Accipitridae	
			2021 November 25 (Kingfishers)	Set/4, 4xSS A*
N/A	1,000fr	Ringed Kingfisher, <i>Megaceryle torquata</i>	Alcedinidae	
N/A	2,000fr SS	Collared Kingfisher, <i>Todiramphus chloris azelus</i> (ssp)	Alcedinidae	
		In margin: Blue-winged Kookaburra, <i>Dacelo leachii</i>	Alcedinidae	
Note: Same bird in the margin on the other three SS.				
N/A	2,000fr SS	Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae	
N/A	2,000fr SS	Sulawesi Lilac-Kingfisher, <i>Cittura cyanotis</i>	Alcedinidae	
N/A	2,000fr SS	Blue-breasted Kingfisher, <i>Halcyon malimbica</i>	Alcedinidae	
			2021 December 10 (Hummingbirds)	Set/3, SS/1 A*
N/A	1,100 fr	Green-tailed Emerald, <i>Chlorostilbon alice</i> V71(2)	Trochilidae	
		(Stamp has species of "phaeton")		
N/A	1,100fr	Red-billed Emerald, <i>Chlorostilbon gibsoni</i>	Trochilidae	
N/A	1,100fr	Sapphire-throated Hummingbird, <i>Chrysuronia coeruleogularis</i>	Trochilidae	
		(The male is (LL), female (UR) Stamp has a genus of <i>Lepidopyga</i>) V71(2)		
N/A	3,300fr SS	Blue-tailed Emerald, <i>Chlorostilbon mellisugus mellisugus</i> (ssp)	Trochilidae	
		In margin: †Gould's Emerald, † <i>Chlorostilbon elegans</i>	Trochilidae	
		Now a ssp of Brace's Emerald, also †. Sheet has a genus of " <i>Sporophilus</i> " V71/(2)		
			2021 December 10 (Sea Birds)	Set/3, SS/1 A*
N/A	1,100fr	Little Cormorant, <i>Microcarbo niger</i>	Phalacrocoracidae	
N/A	1,100fr	Razorbill, <i>Alca torda</i>	Alcidae	
N/A	1,100fr	Whiskered Tern, <i>Chlidonias hybrida</i>	Laridae	
		In margin: Great Skua, <i>Stercorarius skua</i>	Stercorariidae	
N/A	3,300fr SS	Common Murre, <i>Uria aalge</i>	Alcidae	
		In margin: Black Tern, <i>Chlidonias niger</i> (M-CTR)	Laridae	
		Laughing Gull, <i>Leucophaeus atricilla</i> (Bot)	Laridae	

GUINEA-BISSAU (continued)

			2021 December 20 (Parrots) Set/3, 2xSS	A*
N/A	1,200fr	Rainbow Lorikeet, <i>Trichoglossus moluccanus</i>	Psittaculidae	
N/A	1,200fr	Baudin's Black-Cockatoo, <i>Calyptorhynchus baudinii</i>	Cacatuidae	
		(Stamp has genus of "Zanda")		
N/A	1,200fr	Green Rosella, <i>Platycercus caledonicus</i>	Psittaculidae	
		In margin: Yellow Rosella, <i>Platycercus flaveolus</i> (UR) V71(2)	Psittaculidae	
		above the stamps Long-billed Corella, <i>Cacatua tenuirostris</i> (UR)	Cacatuidae	
N/A	3,250fr SS	Red-winged Parrot, <i>Aprosmictus erythropterus</i>	Psittaculidae	
		(Native to Australia; also known as Crimson-winged or Red-winged Lory, Red wing or King Parrot)		
		In margin: Red-tailed Black-Cockatoo, <i>Calyptorhynchus banksii</i>	Cacatuidae	
N/A	3,250fr SS	†Norfolk Island Kaka, † <i>Nestor productus</i>	Strigopidae	
		In margin: Red-collared Lorikeet, <i>Trichoglossus rubritorquis</i>	Psittaculidae	
			2021 December 20 (Nightjars) Set/3, 2xSS	A*
NA	1,200fr	Feline Owlet Nightjar, <i>Aegotheles insignis</i> V71(2)	Aegothelidae	
N/A	1,200fr	Standard-winged Nightjar, <i>Caprimulgus longipennis</i>	Caprimulgidae	
		(Stamp has genus name of "Macrodipteryx")		
N/A	1,200fr	Chuck-will's-Widow, <i>Anthrostomus carolinensis</i>	Caprimulgidae	
		(Stamp has genus of <i>Caprimuleus</i> , but was recently changed to <i>Antrostomus</i>)		
		In margin: White-winged Potoo, <i>Nyctibius leucopterus</i>	Nyctibiidae	
N/A	3,250fr SS	Yucatan Poorwill, <i>Nyctiphrynus yucatanicus</i>	Nyctibiidae	
		In margin: Bonaparte's Nightjar, <i>Caprimulgus concretus</i>	Caprimulgidae	
N.A	3,250fr SS	Nubian Nightjar, <i>Caprimulgus nubicus</i>	Caprimulgidae	
		In margin: European Nightjar, <i>Caprimulgus europaeus</i>	Caprimulgidae	

HUNGARY			2021 Sept 25 ("One With Nature", Exhibition) Set/8	A*
4615c	200fo	Mallard, <i>Anas platyrhynchos</i>	Anatidae	
4615d	200fo	Gray Partridge, <i>Perdix perdix</i>	Phasianidae	
		Ring-necked Pheasant, <i>Phasianus colchicus</i>	Phasianidae	

IRELAND			2021 April 15 (Polar Explorers) Set/4	B*
2305	€1.00	Chinstrap Penguin, <i>Pygoscelis antarcticus</i>	Spheniscidae	

JAPAN			2021 April 23 (Greetings and Celebrations) Set/4	A*
4496a	¥94	Indian Peafowl, <i>Pavo cristatus</i> square stamp	Phasianidae	
4496b	¥94	Same species, round stamp	Phasianidae	
4495a	¥84	Red-flanked Bluetail, <i>Tarsiger cyanurus</i> square stamp	Muscicapidae	
4495b	¥84	Same species, round stamp	Muscicapidae	

			2021 May 10 (Flora & fauna of Lake Towada and Oirase Gorge) Set/10	A*
4497		Sheet of 10		
4497a	¥84	Ruddy Kingfisher, <i>Halcyon coromanda</i>	Alcedinidae	
4497b	¥84	Gray Wagtail, <i>Motacilla cinerea</i>	Motacillidae	
4497c	¥84	Narcissus Flycatcher, <i>Ficedula narcissina</i>	Muscicapidae	
4497i	¥84	Blue-and-white Flycatcher, <i>Cyanoptila cyanomelana</i>	Muscicapidae	

			2021 May 26 (Afforestation in Shimane) Set/5	A*
4502	¥84	Varied Tit, <i>Sittiparus varius</i>	Paridae	
4503	¥84	Japanese Tit, <i>Parus minor</i>	Paridae	
4504	¥84	Gray Heron, <i>Ardea cinerea</i>	Ardeidae	

			2021 August 25 (Modern Postal Service 150y) Set/3	B*
4532b	¥500	Graylag Goose, <i>Anser anser</i>	Anatidae	

			2021 Sept. 24 (Japan-Uruguay Diplomatic Relations) Set/10	A
4542f	¥84	Southern Lapwing, <i>Vanellus chilensis</i>	Charadriidae	

170	Biophilately September 2022			Vol.
NAMIBIA		2020 June 18 (Batises)	Vert. pair	A*
1403a	(\$9.30)	Pirit Batis, <i>Batis pririt</i> (Has "Postcard Rate" at LR)	Platysteiridae	
1403b	(\$15.10)	Chinspot Batis, <i>Batis molitor</i> (Has "Non-standard Mail" at bottom)	Platysteiridae	
		2020 August 20 (Kites)	Set/2	A*
1405	(\$9.50)	Black-winged Kite, <i>Elanus caeruleus</i> (Stamp listed as "Zone B")	Accipitridae	
1406	(\$49.90)	Yellow-billed Kite, <i>Milvus aegyptius</i> (Stamp has "Non-Standard Registered Mail")	Accipitridae	
		2021 March 16 (Snipes)	Set/3	A*
1407	(\$9.50)	Great Snipe, <i>Gallinago media</i> (Stamp has "Inland Registered Mail")	Scolopacidae	
1408	(\$34.80)	Greater Painted-Snipe, <i>Rostratula benghalensis</i> (Stamp has "Zone B")	Rostratulidae	
1409	(\$39.90)	African Snipe, <i>Gallinago nigripennis</i> (Stamp has "Registered Mail")	Scolopacidae	
NORWAY		2021 April 23 (Europa)	Set/2	A*
1917	(27k)	Atlantic Puffin, <i>Fratercula arctica</i>	Alcidae	
PARAGUAY		2021 July 15 (Independence of Peru, 200y)	Single	A*
3137	1,500g	Andean Cock-of-the-Rock, <i>Rupicola peruvianus</i>	Cotingidae	
		2021 December 28 (Radio Caritas, 85y)	Single	A*
3150	2,200g	Red-and-green Macaw, <i>Ara chloropterus</i>	Psittacidae	
PORTUGAL		2019 August 27 (Harry Potter)	Set/4	A*
4143	€0.70	Snowy Owl, <i>Bubo scandiacus</i>	Strigidae	
		2021 June 16 (Discovery of Antarctica, 200y)	Set/2, SS	C*
4321	€0.54	Adelie Penguin, <i>Pygoscelis adeliae</i>	Spheniscidae	
4323	€2.50	SS Adelie Penguin, <i>Pygoscelis adeliae</i> Emperor Penguin, <i>Aptenodytes forsteri</i>	Spheniscidae Spheniscidae	
		2021 June 28 (Game Birds)	Set/5	A*
4330	€0.54	Common Wood-Pigeon, <i>Columba palumbus</i>	Columbidae	
4331	€0.54	Red-legged Partridge, <i>Alectoris rufa</i>	Phasianidae	
4332	€0.75	Mallard, <i>Anas platyrhynchos</i>	Anatidae	
4333	€0.88	Common Snipe, <i>Gallinago gallinago</i>	Scolopacidae	
4334	€0.91	Eurasian Woodcock, <i>Scolopax rusticola</i>	Scolopacidae	
		2021 July 28 (Protected Areas)	Set/5	A*
4343	€0.88	Lesser Kestrel, <i>Falco naumanni</i>	Falconidae	
4344	€0.91	Purple Swamphen, <i>Porphyrio porphyrio</i>	Rallidae	
ROMANIA		2021 April 22 (Europa)	Set/2	A*
6566	19,50l	Great Bustard, <i>Otis tarda</i>	Otididae	
		2021 July 27 (Membership in UNESCO, 65y)	Set/4	A*
6606	1.40l	Black Stork, <i>Ciconia nigra</i>	Ciconiidae	
6607	1.50l	Eurasian Wren, <i>Troglodytes troglodytes</i>	Troglodytidae	
6609	19.50l	Dalmatian Pelican, <i>Pelecanus crispus</i>	Pelecanidae	
		2021 August 25 (Flamingos)	Set/4	A*
6622	1.40l	Andean Flamingo, <i>Phoenicoparrus andinus</i>	Phoenicopteridae	
6623	1.70l	Chilean Flamingo, <i>Phoenicopterus chilensis</i>	Phoenicopteridae	
6624	7l	Lesser Flamingo, <i>Phoeniconaias minor</i>	Phoenicopteridae	

ROMANIA (continued)

6625	19.50l	Greater Flamingo, <i>Phoenicopterus roseus</i>	Phoenicopteridae	
			2021 October 14 (Columbids)	Set/4 A*
6647	1.70l	Jambu Fruit Dove, <i>Ptilinopus jambu</i>	Columbidae	
6648	2l	Victoria Crowned Pigeon, <i>Goura victoria</i>	Columbidae	
6649	5.50l	Asian Emerald Dove, <i>Chalcophaps indica</i>	Columbidae	
6650	19.50l	Nicobar Pigeon, <i>Caloenas nicobarica</i>	Columbidae	

RUSSIA**2022 January 27** (Songbirds)

Set/4

A*

8336a	25r	Black-headed Bunting, <i>Emberiza melanocephala</i> (Stamp has genus of "Granativora")	Emberizidae	
8336b	25r	Goldcrest, <i>Regulus regulus</i>	Regulidae	
8336c	25r	Eurasian Jay, <i>Garrulus glandarius</i>	Corvidae	
8336d	25r	European Robin, <i>Erithacus rubecula</i>	Muscicapidae	

ST. HELENA**2021 December 1** (Birds)

Set/4, SS/1

A*

1176	15p	Brown Noddy, <i>Anous stolidus</i> (with egg)	Laridae	
1177	40p	Fairy Tern, <i>Gygis alba</i> (with chick)	Laridae	
1178	60p	Sooty Tern, <i>Onychoprion fuscatus</i> (with egg)	Laridae	
1179	80p	Masked Booby, <i>Sula dactylatra</i> (with chicks)	Sulidae	
1180	£3 SS	Red-billed Tropicbird, <i>Phaethon aethereus</i>	Phaethontidae	

ST. PIERRE & MIQUELON**2021 August 11** (Tourist Attractions)

Single A*

1108	€5	Atlantic Puffin, <i>Fratercula arctica</i>	Alcidae	
		Bald Eagle, <i>Haliaeetus leucocephalus</i>	Accipitridae	

SIERRA LEONE**2019 February 27** (Storks)

Set/4, SS/1

A*

This issue and the next listing below were missed being listed in the Journal.

5214a	12,500Le	White Stork, <i>Ciconia ciconia</i>	Ciconiidae	
5214b	12,500Le	Painted Stork, <i>Mycteria leucocephala</i>	Ciconiidae	
5214c	12,500Le	Black Stork, <i>Ciconia nigra</i>	Ciconiidae	
5214d	12,500Le	Asian Openbill, <i>Anastomus oscitans</i>	Ciconiidae	
5227	50,000Le SS	Jabirju, <i>Jabiru mycteria</i>	Ciconiidae	
		In margin: Painted Stork, <i>Mycteria leucocephala</i>	Ciconiidae	

2019 February 27 (Antarctica)

Set/4, SS/1

A*

5217a	12,500Le	Snow Petrel, <i>Pagodroma nivea</i>	Procellariidae	
5217d	12,500Le	Chinstrap Penguin, <i>Pygoscelis antarcticus</i>	Spheniscidae	
5230	50,000Le SS	No bird on the stamp, but penguins in the margin. King Penguin, <i>Aptenodytes patagonicus</i>	Spheniscidae	

2022 March 25 (Kingfishers)

Set/4, 2xSS

A*

N/A	20,000Le	Brown-breasted Kingfisher, <i>Halcyon gularis</i> V71(3)	Alcedinidae	
N/A	20,000Le	Blue-winged Kookaburra, <i>Dacelo leachii</i>	Alcedinidae	
N/A	20,000Le	Spangled Kookaburra, <i>Dacelo tyro</i>	Alcedinidae	
N/A	20,000Le	Banded Kingfisher, <i>Lacedo pulchella melanops</i> (ssp)	Alcedinidae	
N/A	50,000Le SS	Azure Kingfisher, <i>Ceyx azureus</i>	Alcedinidae	
		In margin: Spangled Kookaburra, <i>Dacelo tyro</i>	Alcedinidae	
N/A	50,000Le SS	Forest Kingfisher, <i>Todiramphus macleayii</i>	Alcedinidae	
		In margin: Blue-winged Kookaburra, <i>Dacelo leachii</i>	Alcedinidae	

2022 March 25 (Owls)

Set/4, 2xSS

A*

N/A	20,000Le	Andaman Boobook, <i>Ninox affinis</i>	Strigidae	
N/A	20,000Le	Rajah Scops-Owl, <i>Otus brookii</i> V71(3)	Strigidae	

N/A	20,000Le	Sandy Scops-Owl, <i>Otus icterorhynchus</i>	Strigidae	
SIERRA LEONE (continued)				
N/A	20,000Le	Andean Pygmy-Owl, <i>Glaucidium jardiinii</i> V71(3)	Strigidae	
N/A	50,000Le SS	Mountain Scops-Owl, <i>Otus spilocephalus</i>	Strigidae	
		In margin: Sandy Scops-Owl, <i>Otus icterorhynchus</i>	Strigidae	
N/A	50,000Le SS	Little Owl, <i>Athene noctua</i>	Strigidae	
		In margin: Rajah Scops-Owl, <i>Otus brookii</i>	Strigidae	
2022 March 25 (Bee-eaters)				
N/A	20,000Le	Blue-throated Bee-eater, <i>Merops viridis</i>	Meropidae	Set/4, 2xSS A*
N/A	20,000Le	White-fronted Bee-eater, <i>Merops bullockoides</i>	Meropidae	
N/A	20,000Le	European Bee-eater, <i>Merops apiaster</i>	Meropidae	
N/A	20,000Le	Southern Carmine Bee-eater, <i>Merops nubicoides</i>	Meropidae	
N/A	50,000Le SS	Red-throated Bee-eater, <i>Merops bullocki</i>	Meropidae	
		In margin: White-fronted Bee-eater, <i>Merops bullockoides</i>	Meropidae	
N/A	50,000Le SS	Little Bee-eater, <i>Merops pusillus</i>	Meropidae	
		In margin: European Bee-eater, <i>Merops apiaster</i>	Meropidae	
2022 March 25 (Birds of Prey)				
N/A	20,000Le	Amur Falcon, <i>Falco amurensis</i>	Falconidae	Set/4, 2xSS A*
N/A	20,000Le	Plumbeous Forest-Falcon, <i>Micrastur plumbeus</i>	Falconidae	
N/A	20,000Le	Gyr Falcon, <i>Falco rusticolus</i>	Falconidae	
N/A	20,000Le	Philippine Eagle, <i>Pithecophaga jefferyi</i>	Accipitridae	
N/A	50,000Le SS	Archer's Buzzard, <i>Buteo archeri</i> V71(3)	Accipitridae	
		In margin: Gyr Falcon, <i>Falco rusticolus</i>	Falconidae	
N/A	50,000Le SS	Long-crested Eagle, <i>Lophaelagus occipitalis</i>	Accipitridae	
SRI LANKA				
2021 October 9 (Endemic Birds of Sri Lanka)				
2285	25r	Sri Lanka Wood Shrike, <i>Tephrodornis affinis</i> V71(1)	Vangidae	Set/6, 6xSS A*
2285a	25r	SS Same species.		
2286	25r	Sri Lanka Swallow, <i>Cecropis hyperythra</i> New	Hirundinidae	
2286a	25r	SS Same species		
2287	25r	Crimson-fronted Barbet, <i>Psilopogon rubricapillus</i>	Mealaimidae V71(1)	
2287	25r	SS Same species		
2288	25r	Spot-winged Thrush, <i>Geokichla spiloptera</i> V71(1)	Turdidae	
2289	25r	Crimson-backed Flameback, <i>Chrysocolaptes stricklandii</i>	Picidae	
2289	25r	SS Same species		
2290	25r	Sri Lanka Gray Hornbill, <i>Ocyrceros gingalensis</i>	Bucerotidae	
2290a	25r	SS Same species		
SWEDEN				
2021 November 11 (Christmas)				
2882a	12k	Eurasian Great Tit, <i>Cyanistes caeruleus</i>	Paridae	Set/10 A*
2882d	12k	Eurasian Bullfinch, <i>Pyrrhula pyrrhula</i>	Fringillidae	
SWITZERLAND				
2020 May 7 (Adult and Juvenile animals)				
1767	85c	Common Merganser, <i>Mergus merganser</i>	Anatidae	Set/4 A*
TOGO				
2022 January 31 (Owls)				
N/A	1,000fr	Snowy Owl, <i>Bubo scandiacus</i>	Strigidae	Set/4, 2xSS A*
N/A	1,000fr	Western Screech-Owl, <i>Megascops kennicottii</i>	Strigidae	
N/A	1,000fr	Whiskered Screech-Owl, <i>Megascops trichopsis</i>	Strigidae	
N/A	1,000fr	Northern Hawk Owl, <i>Surnia ulula</i>	Strigidae	
N/A	3,300fr SS	Short-eared Owl, <i>Asio flammeus</i>	Strigidae	
		In margin: Snowy Owl, <i>Bubo scandiacus</i> (UL)	Strigidae	

	Long-eared Owl, <i>Asio otus</i> (UR)	Strigidae	
TOGO (continued)			
N/A	3,300fr SS Spotted Owl, <i>Strix occidentalis</i>	Strigidae	
	In margin: Northern Saw-whet Owl, <i>Aegolius acadicus</i>	Strigidae	
	2022 January 31 (Kingfishers)	Set/4,2xSS	A*
N/A	1,000fr Belted Kingfisher, <i>Megaceryle alcyon</i>	Alcedinidae	
N/A	1,000fr Ruddy Kingfisher, <i>Halcyon coromanda</i>	Alcedinidae	
N/A	1,000fr Woodland Kingfisher, <i>Halcyon senegalensis</i>	Alcedinidae	
N/A	1,000fr Pied Kingfisher, <i>Ceryle rudis</i>	Alcedinidae	
N/A	3,300fr SS Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae	
	In margin: White-throated Kingfisher, <i>Halcyon smyrnensis</i> (UR)	Alcedinidae	
	Blue-eared Kingfisher, <i>Alcedo meninting</i> (LL)	Alcedinidae	
N/A	3,300fr SS Black-backed Kingfisher, <i>Ceyx erithaca</i>	Alcedinidae	
	In margin: Common Kingfisher, <i>Alcedo atthis</i> (RS)	Alcedinidae	
	2022 January 31 (Birds of Europe)	Set/4, 2xSS	A*
N/A	1,000fr Siberian Jay, <i>Perisoreus infaustus</i>	Corvidae	
N/A	1,000fr Eurasian Magpie, <i>Pica pica</i>	Corvidae	
	(Stamp has genus name of caudata for species, which is very old rarely used)		
N/A	1,000fr Great Spotted Woodpecker, <i>Dendrocopos major</i>	Picidae	
N/A	1,000fr White-backed Woodpecker, <i>Dendrocopos leucotos</i>	Picidae	
N/A	3,300fr SS Hen Harrier, <i>Circus cyaneus</i>	Accipitridae	
	In margin: White-tailed Eagle, <i>Haliaeetus albicilla</i> (UR)	Accipitridae	
	Slender-billed Crow, <i>Corvus enca</i> New (LL)	Corvidae	
N/A	3,300fr SS Eurasian Hoopoe, <i>Upupa epops</i>	Upupidae	
	In margin: Imperial Eagle, <i>Aquila heliaca</i> (RS)	Accipitridae	
	Eastern Subalpine Warbler, <i>Curruca cantillans</i> (LL)	Sylviidae	
	2022 January 31 (Birds of Asia)	Set/4, 2xSS	A*
N/A	1,000fr White-winged Grosbeak, <i>Mycerobas carnipes</i> V71(3)	Fringillidae	
N/A	1,000fr Macqueen's Bustard, <i>Chlamydotis macqueenii</i>	Otididae	
N/A	1,000fr Whimbrel, <i>Numenius phaeopus</i>	Scolopacidae	
N/A	1,000fr Taiwan Jay, <i>Garrulus glandarius taiwanus</i> (ssp) V71(3)	Corvidae	
N/A	3,300fr SS Sumatran Trogon, <i>Harpactes mackloti</i>	Trogonidae	
	(Stamp has a genus name of <i>Apalharpactes</i>)		
	In margin: Cinnamon-rumped Trogon, <i>Harpactes orrhophaeus</i>	Trogonidae V71(3)	
	Black-and-red Broadbill, <i>Cymbirhynchus macrorhynchus</i>	Eurylaimidae (RS)	
N/A	3,300fr SS Scarlet-rumped Trogon, <i>Harpactes duvaucelii</i>	Trogonidae	
	In margin: Long-tailed Broadbill, <i>Psarisomus dalhousiae</i> (RS)	Eurylaimidae	
	Wattled Broadbill, <i>Sarcophanops steerii</i> (LL)	Eurylaimidae	

TONGA **2020 May 4** A*

A sheet of four se-tenant stamps, listed as "Birds of the World: Parrots"; issued with white frames and without white frames, Sc#1402a-d, sheet of 4, Sc#1402a-1402d.

1398	2.25pa Red-and-green Macaw, <i>Ara chloropterus</i>	Psittacidae
	(Stamp has Green-winged Macaw)	
1399	2.70pa Bronze-winged Parrot, <i>Pionus chalcopterus</i>	Psittacidae
1400	4.20pa Galah, <i>Eolophus roseicapilla</i>	Psittaculidae
1401	9.20pa Eclectus Parrot, <i>Eclectus roratus</i>	Psittaculidae

2020 May 18 A*

A sheet of four se-tenant stamps, listed as "Birds of the World: Ibises"; issued with white frames and without white frames is Sc#1407a-d, Sc#1407e, sheet of 4, #1407a-1407d.

1403 14.40pa Australian Ibis, *Threskiornis molucca* Threskionithidae

TONGA (continued)

1404 20.60pa Crested Ibis, *Nipponia nippon* Threskionithidae

1405 25pa African Sacred Ibis, *Threskiornis aethiopicus* Threskionithidae

1406 30pa Straw-necked Ibis, *Threskiornis spiniicollis* Threskionithidae

Niufo'ou 2020 May 4 (Birds of the World: Hummingbirds) Set/4 A*

Scott lists them as birds type of Tonga of 2018, but the name on the stamps is printed Niufo'ou.

420 \$2.25 Tufted Coquette, *Lophornis ornatus* Trochilidae

421 \$2.70 Rufous-crested Coquette, *Lophornis delattrei* Trochilidae

422 \$4.20 Booted Racket-tail, *Ocreatus underwoodii* Trochilidae

423 \$9.20 Chestnut-breasted Coronet, *Boissonneaua matthewsii* Trochilidae

The above stamps were with white frames; these were also available without white frames, Sc#424a-d, and Sc#424e, sheet of 4, Sc#424a-424d.

2020 May 4 (Birds of the World: Frigatebirds) Set/4 A*

A set of four stamps, birds type of Tonga of 2018, "Birds of the World: Frigatebirds; not having seen this set as of yet, I don't know if the name on the stamps is Tonga or Niufo'ou, but Scott is listing it under the name of Niufo'ou. Scott is listing this set also in stamps with white frames and without white frames.

425 14.40pa Magnificent Frigatebird, *Fregata magnificens* Fregatidae

426 20.60pa Lesser Frigatebird, *Fregata ariel* Fregatidae

427 25pa Ascension Island Frigatebird, *Fregata aquila* Fregatidae

428 30pa Christmas Island Frigatebird, *Fregata andrewsi* Fregatidae

The set without white frames is Sc#429a-d, and #429e is sheet of 4, #429a-429d

TUVALU 2021 May 17 (Birds of Tuvalu) Set/6, SS/2 A*

1523a \$1.50 Christmas Shearwater, *Puffinus nativitatis* Procellariidae

1523b \$1.50 Bar-tailed Godwit, *Limosa lapponica* Scolopacidae

1523c \$1.50 Ruddy Turnstone, *Arenaria interpres* Scolopacidae

1523d \$1.50 Great Frigatebird, *Fregata minor* Fregatidae

1523e \$1.50 Mallard, *Anas platyrhynchos* Anatidae

1523f \$1.50 Pacific Reef-Heron, *Egretta sacra* Ardeidae

1524a \$4.00 SS Red-footed Booby, *Sula sula* (Brown Morph) Sulidae

1524b \$4.00 SS Same species, light morph Sulidae

UKRAINE 2021 August 6 (Birds of Ukraine) Set/8 A*

1309a 9.00h Hazel Grouse, *Tetrastes bonasia* Phasianidae

1309b 9.00h Western Capercaillie, *Tetrao urogallus* Phasianidae

1309c 9.00h Ring-necked Pheasant, *Phasianus colchicus* Phasianidae

1309d 9.00h Common Quail, *Coturnix coturnix* Phasianidae

1309e 9.00h Willow Ptarmigan, *Lagopus lagopus* Phasianidae

1309f 9.00h Gray Partridge, *Perdix perdix* Phasianidae

1309g 9.00h Black Grouse, *Lyrurus tetrix* Phasianidae

1309h 9.00 Chukar Partridge, *Alectoris chukar* Phasianidae

VIETNAM 2021 August 25 (Domestic Fowl) Set/4 A*

3724 4,000d Red Junglefowl, *Gallus gallus* Phasianidae

WALLIS & FUTUNA ISLANDS 2021 June 5 (Birds) Set/4 A*

833a 5fr Buff-banded Rail, *Gallirallus philippensis* Rallidae

833b 10fr Western Swamphen, *Porphyrio porphyrio* Rallidae

833c 20fr White-tailed Tropicbird, *Phaethon lepturus* Phaethontidae

833d 30fr Pacific Reef-Heron, *Egretta sacra* Ardeidae

New Birds in the Philatelic Aviary

By Charles E. Braun, BU 1364

Corrections

BP 70(4) The Genus of **SRI LANKA SWALLOW** is *Cecropsis*.

BP 71 (1) Change **RED-BACKED FLAMEBACK** to **CRIMSON-BACKED FLAMEBACK**.

BP 71(2) delete **GREEN-TAILED EMERALD**, the stamp actually shows a Glittering-bellied Emerald. Already on stamps. The genus of **MOCKING CLIFF-CHAT** is *Thamnoaea*.

New Birds

†**ELEPHANT BIRD**, †*Aepyornis maximus* †Aepyornithidae Extinct about 1700

Sierra Leone, 2022, not yet cataloged, 20,000Le

Length: 10 feet, sexes alike, resident. The world's largest bird was flightless with massive legs, vestigial wings and talons.

Habitat: Wilderness.

Range: Madagascar.



Reference: Day, D. Vanished Species.

†**HEAVY-FOOTED MOA**, †*Pachyornis elephantopus* †Dinornithidae Extinct about 1500

Sierra Leone, 2022, not yet cataloged, 20,000Le

Length: 58 to 68 inches, sexes alike, resident. Flightless bird with a long neck.

Habitat: Grasslands, scrublands and dry forest.



Range: South Island, New Zealand.

Reference: Day, D. Vanished Species.

†**EASTERN MOA**, †*Emeus crassus* †Emeidae Extinct about 1500

Sierra Leone, 2022, not yet cataloged, 20,000Le

Length: 29 to 40 inches, sexes alike, resident. A flightless bird with hair-like feathers, powerful legs and wide feet.

Habitat: Forest, scrublands and grasslands.



Range: Eastern South Island, New Zealand

Reference: Day, D. Vanished Species.

HILL PIGEON, *Columba rupestris* Columbidae

Niger, 2022, not yet cataloged, 3600fr

Length: 12 to 13 inches, sexes similar, resident. White, with a pale gray head, bluish-gray neck, wine-colored breast, two black wingbars and a white central tail.

Habitat: Open rugged country.

Range: Russian Altai to Korea, eastern Tibet and east-central China.





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

ASHY WOOD-PIGEON, *Columba pulchricollis* Columbidae

Niger, 2022, not yet cataloged, 1000fr

Length: 12 to 14 inches, sexes similar, resident. Bluish-gray above and light gray below, with a black-spotted white neck.

Habitat: Forest.



Range: Tibet to northern Thailand.

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

NEGROS BLEEDING-HEART, *Gallicolumba keayi* Columbidae

Niger, 2022, not yet cataloged, 1000fr

Length: 12 inches, sexes similar, resident. Iridescent green above and white below, with a blood red breast patch and a grayish white wingband.

Habitat: Forest.

Range: Negros, Philippines.



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

CINNAMON-HEADED PIGEON, *Treron fulvicollis* Columbidae

Niger, 2022, not yet cataloged, 1000fr

Length: 10 to 11 inches, resident. The male (on the left) is dark reddish purple above and dull yellowish green below, with a rusty purplish chestnut head and neck; the female (on the right) is dark olive green above and yellowish green below.



Habitat: Coastal swamps, forest, open scrub and mangroves.

Range: Malay peninsula, Sumatra and Borneo.

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

YUCATAN POORWILL *Nyctiphrynus yucatanicus* Caprimulgidae

Guinea-Bissau, 2021, not yet cataloged, 3250fr

Length: 9 inches, sexes similar, resident. Brown-streaked blackish brown

above and streaked blackish brown below, with a white throat.

Habitat: Scrubland, deciduous forest and open woodland.

Range: Southeastern Mexico, northern Guatemala and northern Belize.

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



INDIAN NIGHTJAR, *Caprimulgus asiaticus* Caprimulgidae

Niger, 2022, not yet cataloged, 1000fr

Length: 10 inches, sexes similar, resident. Blackish-streaked

grayishbrown above and brown-barred grayish-brown below, with white throat patches and a tawny colklar.

Habitat: Scrub and woodlands.

Range: Southwestern Pakistan to Sri Lanka and southern Vietnam.

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

SAVANNA NIGHTJAR, *Caprimulgus affinis* Caprimulgidae

Niger, 2022, not yet cataloged, 3600fr Lower left surrounds

Length: 8 to 10 inches, sexes similar, resident. Whitish-speckled-brown above and barred, speckled and spotted brown below, with a whitish nuchal collar.

Habitat: Scrub, woodland, grassland and cities.

Range: Southeastern Pakistan to Taiwan, the Philippines and Indonesia.

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

WHITE-WHISKERED HERMIT, *Phaethornis yaruqui* Trochilidae

Djibouti, 2022, not yet cataloged, 1000fr

Length: 5 inches, sexes similar, resident. Green above and dark gray below, with a white gular stripe.

Habitat: Humid highland forest, secondary growth, dense shrubbery and plantations.

Range: Southwestern Panama to western Ecuador

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

WHITE-BEARDED HERMIT, *Phaethornis hispidus*

Trochilidae

Djibouti, 2022, not yet cataloged, 350fr Upper right

surrounds

Length: 5 inches sexes similar, resident. Bronzy above and gray below, with a white-bordered black eye patch.

Habitat: Humid lowland forest.

Range: Venezuela to Bolivia and western Brazil.

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

SOOTY-CAPPED HERMIT, *Phaethornis augusti* Trochilidae

Djibouti, 2022, not yet cataloged. 1000fr Surrounds

Length: 6 inches., sexes similar, resident. Olive-green above and uniform gray below, with a rufous uppertail and a white-bordered black face patch.

Habitat: Highland forest, forest edges, dense vegetation and plantations.

Range: Central Colombia to western Guyana.

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





STRIPE-THROATED HERMIT, *Phaethornis striigularis* Trochilidae

Djibouti, 2022. not yet cataloged, 1000fr

Length: 4 inches, sexes similar, resident. Olive-green above and brownish to grayish below, with a dark gray throat.

Habitat: Humid tropical lowlands.

Range: Southern Mexico to western Ecuador and western Venezuela.

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



RED-BILLED EMERALD, *Chlorostilbon gibsoni* (*phaeton* on the stamp) Trochilidae

Guinea-Bissau, 2021, not yet cataloged, 1100fr

Length: 3.5 inches, sexes similar, resident. Shining bronzy-green above and glittering emerald green below, with a red bill and blue tail.

Habitat: Open areas.

Range: Upper Magdalena Valley, central Colombia.

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



GOULD'S EMERALD, *Chlorostilbon* (*Sporodinus* on the stamp) *elegans*

Trochilidae

Guinea-Bissau, 2021, not yet cataloged 3300fr Surrounds Extinct around 1900 AD

Length: 4 inches, resident. The male (shown on the stamp) was golden above and yellowish green below, with a dark, forked tail; the female was probably greenish above and whitish below.

Habitat: unknown.

Range: Jamaica or the Bahamas.

Reference: Fogden, M., M. Taylor and S. L. Williamson.

Hummingbirds, a Life-size Guide to Every Species. 2014.



SAPPHIRE-THROATED HUMMINGBIRD, *Chrysuronia coeruleogularis* Trochilidae

Guinea-Bissau, 2021, not yet cataloged, 1100fr

Length: 3.5 inches. resident. The male (shown on the stamp) is shining green above and glittering green below, with an iridescent violet-blue throat and chest and a coppery rump; the female is grayish-white below.

Habitat: Coastal lowlands.

Range: Panama and northern Colombia.

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



MANTLED HAWK, *Pseudastur polionotus* Accipitridae

Djibouti, 2022, not yet cataloged, 350fr Surrounds

Length: 19 to 20 inches, sexes alike, resident. White, with blue-slate back, wings and uppertail.

Habitat: Tropical forest.

Range: Southeastern Brazil to eastern Paraguay and northeastern

Argentina.

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

ARCHER'S BUZZARD, *Buteo archeri* Accipitridae

Sierra Leone, 2022, not yet cataloged, 50,000Le

Length: 19 to 22 inches, sexes alike, resident. Dark brown above and chestnut below, with some black streaks on the throat.



Habitat: Savanna.

Range: Highlands of northern Somalia.

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

RAJAH SCOPS OWL, *Otus brookii* Strigidae

Sierra Leone, 2022, not yet cataloged, 20,000Le and 50,000Le Surrounds



Length: 9 inches, sexes alike, resident. Black-barred rusty-brown above and, black-streaked rufous below, with white ear tufts and a white hindcollar.

Habitat: Montane rainforest..

Range: Sumatra and Borneo.

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

ANDEAN PYGMY-OWL, *Glaucidium jardiinii* Strigidae

Sierra Leone, 2022, not yet cataloged, 20,000Le



Length: 6 inches, sexes alike, resident. Dull dark brown or dark chestnut above and streaked white below, with a e throat patch

Habitat: Forest and semiopen land.

Range: Northern Colombia to central Peru.

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



CINNAMON-RUMPED TROGON, *Harpactes orrhophaeus* Trogonidae

Togo, 2022, not yet cataloged, 330fr Lower left surrounds

Length: 10 inches, resident. The male (shown on the stamp) is pale brown above and pinkish-red below, with a black hood, blue bill and black-bordered cinnamon uppertail; the female is buff below with a dark brown hood.

Habitat: Forest in lowlands and hills,

Range: Peninsular Thailand to northern and central Borneo.

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





BANGKA BANDED KINGFISHER, *Lacedo pulchella melanops* subspecies
Alcedinidae

Sierra Leone, 2022, not yet cataloged, 20,000Le

Length 8 inches, resident. The male (shown on the stamp) is black-banded blue above and pale orange below, with black cheeks and collar.

Habitat: Lowland forest.

Range: Bangka Islnd, near Sumatra, Indonesia.

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



WHITE-RUMPED KINGFISHER, *Caridonax fulgidus* Alcedinidae

Niger, 2022, not yet cataloged, 3600fr

Length: 12 inches. Sexes alike, resident. Blue-black above and white below, with a white rump.

Habitat: Forest and woodland.

Range: Lesser Sundas, Indonesia.

Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of

the Birds of the World, Volume 6.



GREEN-BACKED KINGFISHER, *Halcyon monacus* Alcedinidae

Niger, 2022. not yet cataloged, 1000fr Right surrounds

Length: 12 to 13 inches, resident. The male (on the left) is green above and rufous below, with a blue or black head, rufous collar and a white throat; the female (on the right) has a rufous face.

Habitat: Dense forest.

Range: Sulawesi, Indonesia.

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

of the World, Volume 6.



BROWN-BREASTED KINGFISHER, *Halcyon gularis* Alcedinidae

Sierra Leone, 2022, not yet cataloged, 20,000 Le

Length: 11 inches, sexes similar, resident. Dark chestnut with a blue back and tail and a white chin and throat.

Habitat: Forest, mangroves, swamps and ponds.

Range: Phijppines

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

SOMBRE KINGFISHER, *Todiramphus funebris* Alcedinidae

Niger, 2022, not yet cataloged, 1000fr

Length: 12 inches, resident. The male (shown on the stamp) is black above and white below, with a white spot in front of the eye, streak behind the eye and broad collar: the female is dark brown above.

Habitat: Swamp-forest and coastal lowlands.

Range: Halmahera and Ternate, Indonesia.

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



PLUMBEOUS FOREST-FALCON, *Micrastur plumbeus* Falconidae

Sierra Leone, 2022, not yet cataloged, 20,000Le

Length: 12 to 14 inches, sexes alike, resident. Gray above and finely barred pale gray and whitish below, with a white tail bar and tail tip.

Habita; Interior of wet forest.

Range: Southwestern Colombia and northwestern Ecuador.

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

AUSTRALIAN HOBBY, *Falco longipennis* Falconidae

Djibouti, 2022, not yet cataloged, 1000fr

Length: 12 to 14 inches, sexes alike, resident. Black above and black-barred rufous below, with a white chin and collar.

Habitat: Forest and clearings.

Range: Lesser Sundas, to Tasmania



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

YELLOW ROSELLA, *Platycercus elegans flaveolus* subspecies Psittaculidae

Guinea-Bissau, 2021, not yet cataloged, 1200fr

Length: 13 inches, sexes similar, resident. Yellow, with a black-spotted back, blue wings and throat, greenish tail and red in front of the eyes.

Habitat: Riverine red gums and nearby areas.



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

WATTLED BROADBILL, *Eurylaimus steerii* Eurylaimidae

Togo, 2022, not yet cataloged, 1000fr Lower left surrounds

Length: 7 inches, resident. The male (shown on the stamp) is dark gray above and lilac below, with a maroon-purple crown, black face and throat, white collar, rufous lower back and tail and a white wing band; the female is white



below.

Habitat: Lowland forest.

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

TAIWAN JAY, *Garrulus glandarius taivanus* subspecies Corvidae

Togo, 2022, not yet cataloged, 1000fr

Length: 13 inches, sexes alike, resident, Reddish brown with a white rump and black nasal tufts, cheeks and tail.

Habitat: Woodland and forest.



Range: Taiwan.

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

WHITE-WINGED GROSBEAK, *Mycerobas carnipes* Fringillidae

Togo, 2022, not yet cataloged, 1000fr

Length: 9 inches, resident. The male (shown on the stamp) is black, with a deep yellow belly and white wing patches; the female is slate gray in place of black.

Habitat: Highland forest.

Range: Northern Iran to western China and northern Myanmar.





MARINE INVERTEBRATES

Editor

Peter Voice, BU1863



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 May 2022 to the July 2022 issue.

New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
FR. SOUTHERN & ANTARCTIC TERR.2022 January 2 (Seabed near Scattered Islands) Set/1				
668	€1.10	View of seafloor with several coral species and fish shown	Indeterminate	U
MALAYSIA 2020 June 18 (Marine Life) Set/5				
1857	\$1.70	Small Giant Clam, <i>Tridacna maxima</i>	Cardiidae	A
OMAN 2021 October 12 (Corals) Set/4, SS				
675a-e	various	No species names listed.		
675e		Souvenir sheet of issues a-d	Indeterminate	A
PORTUGAL 2021 August 26 (UN Decade of Ocean Sciences for Sustainable Development) Set/2				
4359-4360	various	Stylized underwater scene of fish with corals	Indeterminate	S
ST. MARTIN 2021 July 4 (Marine Life) Set/10				
193b	190c	<i>Octopus briareus</i>	Octopidae	A
193d	190c	<i>Sepioteuthis sepioidea</i>	Loliginidae	A
193g	190c	<i>Oreaster reticulatus</i>	Oreasteridae	A
193h	190c	<i>Panulirus argus</i>	Palinuridae	A
193j	190c	<i>Charonia tritonis</i>	Charoniidae	A
ST. VINCENT & THE GRENADINES 2020 October 8 (Lobsters) Set/4, SS				
4189a	\$5.50	Caribbean Spiny Lobster, <i>Panulirus argus</i>	Palinuridae	A
4189b	\$5.50	Scalloped Rock Lobster, <i>Panulirus homarus</i>	Palinuridae	A
4189c	\$5.50	American Lobster, <i>Homarus americanus</i>	Nephropidae	A
4189d	\$5.50	Caribbean Spiny Lobster, <i>Panulirus argus</i>	Palinuridae	A
4190	\$14.00	European Lobster, <i>Homarus gammarus</i>	Nephropidae	A
2020 October 8 (Corals) Set/4, SS				
4191a	\$5.50	Purple Rough Cactus Coral, <i>Mycetophyllia ferox</i>	Mussidae	A
4191b	\$5.50	Cauliflower Coral, <i>Pocillopora damicornis</i>	Pocilloporidae	A
4191c	\$5.50	Brown Rough Cactus Coral, <i>Mycetophyllia ferox</i>	Mussidae	A
4191d	\$5.50	Great Star Coral, <i>Montastraea cavernosa</i>	Montastraeidae	A
4192	\$14.00	Blushing Star Coral, <i>Stephanocoenia intersepta</i>	Astrocoeniidae	A
SIERRA LEONE 2019 January 30 (Corals) Set/4, SS				
5177a	12,500Le	Feathery sea pen, <i>Virgularia schultzei</i>	Virgulariidae	A
5177b	12,500Le	<i>Discosoma</i> sp.	Discosomidae	A
5177c	12,500Le	<i>Ricordea florida</i>	Ricordeidae	A
5177d	12,500Le	<i>Acropora pulchra</i>	Acroporidae	A
5189	50,000Le	<i>Dendrogyra cylindricus</i>	Meandrinidae	A

SINGAPORE		2021 July 27 (Diplomatic Relations Singapore and Sri Lanka, 50y)	Set/2	
2096, 2096a	\$1.40	Restored Coral Reef in Sri Lanka*	Various	A
SWITZERLAND		2022 March 3	Set/4	
1856 90c		Brown-lipped Snail, <i>Cepaea nemoralis</i>	Helicidae	A
TONGA		2020 October 7 (Tourism definitives)	Set/24	
1421 80s		Underwater flora and fauna	Various	A
1432 2.20pa		Coral Reef and Fish	Various	A
TUVALU**		2021 July 5 (Marine Life)	Set/4	
1531a	\$2.50	<i>Pocillopora</i> coral	Pocilloporidae	A
1531d	\$2.50	Starfish	Not identified	A
		2021, October 11 (Corals)	Set/5, SS	
1542a	\$1	Seafan Coral	Not identified	A
1542b	\$2	Elkhorn Coral, <i>Acropora palmata</i>	Acroporidae	A
1542c	\$3	Lettuce Leaf Coral, <i>Agaricia tenuifolia</i>	Agariciidae	A
1542d	\$3	Cauliflower Coral (likely a pocilloporid)	Pocilloporidae	A
1542e	\$4	Pillar Coral, <i>Dendrogyra cylindricus</i>	Meandrinidae	A
1543	\$7	Staghorn Coral, <i>Acropora cervicornis</i>	Acroporidae	A
UNITED NATIONS				
Geneva		2022 March 18 (Endangered Species)	Set/4	
714	1.50fr	<i>Acropora cervicornis</i>	Acroporidae	A

Notes:

*Joint issue with Sri Lanka – see Marine Invertebrates Column, Biophilately, v. 71(2) for the Sri Lankan issue.

** Tuvalu issues 1509a-d, 1510 (sea horses) and 1511a-d, 1512 (sea snakes) both have stylized depictions of coral reefs in background and/or selvage.

BIRDPEX 2022

The 2022 Birdpex 9 takes place in Austria. It is a special exhibition dedicated to collecting birds on stamps. This year's stamp is dedicated to Austria's largest water bird (and one of the largest in the world), the mute swan (*Cygnus olor*).

Mute Swan – Facts, Diet, Habitat & Pictures on Animalia.bio

Gmunden, Upper Austria,

August 26 to 28, 2022

Designer: Marion Füllerer

Release date: August 27, 2022





ENTOMOLOGY

Editors

Don Wright BU 243
and Jose Reis BU 1889



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ARGENTINA				
2022 May 23				
a, \$100	Tiger Ant, <i>Dinoponera grandis</i>	Guerin-Meneville	FOR, Ponerinae	A
b, \$100	August's Carpenter Bee, <i>Xylocopa augusti</i>	Lepeletier	API, Xylocopinae	A
BULGARIA				
2021 November 24 (Carnivorous Plants) SS/1				
4993	3L	Insect trapped in sundew plant	Insecta	B SS
FRANCE				
2022 June 27				
f, Green Ltr.	Stylized Moth		SAT, Saturniinae	A
GREAT BRITAIN				
Guernsey				
2022 April 4 (Heart of the Forest)				
£1	Garden Tiger Moth, <i>Arctia caja</i> L.		ARC, Arctiinae	B
2022 August 24 (Heart of the Forest)				
£1	2 Stylized Ladybird Beetles		Coccinellidae	B
HUNGARY				
2022 March 31 (Stamp Day: Stamps designed by Vertel) Set/2, SS/1				
4631	550fo + 300fo	No insect		
	Margin Ctr:	Purple Emperor, <i>Apatura iris</i> L. #1271 s-o-s	NYM, Apaturinae	B SS Z
2022 March 31 (Hunphilex 2022) SS/1				
4632	1600fo	No insect		
	Margin UL:	Small Tortoiseshell, <i>Nymphalis urticae</i> L. #1394 s-o-s	NYM, Nymphalinae	B SS Z
KAZAKHSTAN				
2022				
50te	Giant Ox Armored Cricket, <i>Damalacantha vacca</i>	Fischer von Waldheim	TET, Bradyporinae	A
200te	Emperor Dragonfly, <i>Anax imperator</i>	Leach	AES, Aeshninae	A
300te	Blue-eyed Goldenring, <i>Cordulegaster insignis</i>	Schneider	CORD, Cordulegastrinae	A
KYRGYZSTAN				
2021 April 16 (Quinces)				
655a	18s	<i>Bombus</i> sp., pollinating quince flower	API, Apinae	B
MALAWI				
2022 June (#707 & 740 surcharged)				
600k on 2k	Boisduval's False Acraea, <i>Pseudacraea boisduvalii</i>	Doubleday	NYM, Limenitidinae	A
900k on 105k	Fiery Acraea, <i>Acraea acrita</i>	Hewitson	NYM, Heliconiinae	A
MOLDOVA				
2022 July 29				
a, 2.80L	Alexis Blue, <i>Glaucopsyche alexis</i>	Poda	LYC, Polyommatae	A
b, 5.50L	Southern Festoon, <i>Zerynthia polyxena</i>	Denis & Schiffermuller	PAP, Parnassiinae	A
c, 8.15L	Orange Tip, <i>Anthocharis cardamines</i>	L.	PIE, Pierinae	A
d, 11.15L	6-Spot Burnet Moth, <i>Zygaena filipendulae</i>	L.	ZYG, Zygaeninae	A
NETHERLANDS				
2022 June 13				
e, 1st.	Wood White, <i>Leptidea sinapis</i>	L.	PIE, Dismorphiinae	A
g, 1st.	Eurasian Comma, <i>Nymphalis c-album</i>	L.	NYM, Nymphalinae	A

QATAR**2020 November 20** (Children's Day)

Set/4

1151c 4.50r Stylized Insect & Butterflies

Insecta, Lepidoptera S

ST. VINCENT-GRENADINES**2022 May 30**\$3 Bumblebee, *Bombus* sp.

API, Apinae B

\$4 Wasp Spider, *Oxyopes* sp.

Oxyopidae (Spider) B

\$5 Ebony Jewelwing, *Calopteryx maculata* Beauvois

CAL, Calopteryginae B

\$6 Harlequin Beetle, *Acrocynus longimanus* L.

CER, Lamiinae B

a, \$8 Monarch, *Danaus plexippus* L., ♂

NYM, Danainae B

b, \$8 Worker Ant. Many more in margin

Formicidae B Z

SAMOA**2022 February** (#1000 surcharged)

1331 \$90 on \$3 Butterfly, hikers, flowers, waterfall

Lepidoptera C

SWITZERLAND**2022 March 3**1858 180c Buff-tailed Bumblebee, *Bombus terrestris* L.

API, Apinae A

TUVALU**2022 June 17**4x\$1 Western Honeybee, *Apis mellifera* L. Also in margin

API, Apinae A

\$7 Same species

API, Apinae A

BEYOND THE CATALOGS:

Stamps not recognized by standard catalogs and many are of doubtful validity.

If you wish further details on the following entries, contact Don at: aa2f@arrl.net**CENTRAL AFRICA 2021-11-30.** (Stamperija CA-210711c-a,b,c,d). Butterflies, Moth. S/T of 4**2021-11-30.** (Stamperija CA-210712c-a,b,c,d). Beetles. S/T of 4**2022-02-25.** (Stamperija CA-220219a&b). Moths. S/T of 4 & S/S of 1**2022-02-25.** (Stamperija CA-220220a&b). Bees. S/T of 4 & S/S of 1**2022-02-25.** (Stamperija CA-220221a&b). Beetles. S/T of 4 & S/S of 1**DJIBOUTI 2022-03-30.** (Stamperija DJB-220204a, b1-2). Beetles & Butterflies. S/T of 3 & S/S of 1**2022-03-30.** (Stamperija DJB-220218a, b1-2). Bees. S/T of 3 & 2xS/S of 1**2022-03-30.** (Stamperija DJB-220219a, b1-2). Moths. S/T of 3 & 2xS/S of 1**2022-03-30.** (Stamperija DJB-220228a, b1-2). Butterflies. S/T of 3 & 2xS/S of 1**2022-03-30.** (Stamperija DJB-220305a, b1-2). Flowers & Butterflies. S/T of 3 & 2xS/S of 1**2022-04-25.** (Stamperija DJB-220309a&b). Butterflies. S/T of 4 & S/S of 2**2022-04-25.** (Stamperija DJB-220310a&b). Insects. S/T of 4 & S/S of 2**2022-04-25.** (Stamperija DJB-220333b). Tiny Extinct Dragonfly. In Darwin S/S of 2**GUINEA 2022-01-25** (Stamperija GU-220139b). Insects. In Darwin s/s margin**MOZAMBIQUE 2022-04-05.** (Stamperija MOZ-220107a, b1-2). Butterflies. S/T of 8 & 2x S/S of 1**2022-04-05.** (Stamperija MOZ-220108a, b1-2). Wasps/Bees. S/T of 8 & 2x S/S of 1**2022-04-05.** (Stamperija MOZ-220109a, b1-2). Insects. S/T of 8 & 2x S/S of 1**NIGER 2022-03-15.** (Stamperija NIG-220135a&b). Butterflies. S/T of 4 & S/S of 1**2022-05-27.** (Stamperija NIG-220217a&b). Lepidoptera. S/T of 4 & S/S of 1**2022-05-27.** (Stamperija NIG-220218a&b). Eumenes wasps. S/T of 4 & S/S of 1**2022-05-27.** (Stamperija NIG-220219a&b). Insects. S/T of 4 & S/S of 1**SIERRA LEONE 2022-03-25.** (Stamperija SRL-220105a,b1-2). Insects. S/T of 4 & 2xS/S of 1**2022-03-25.** (Stamperija SRL-220120a,b1-2). Butterflies. S/T of 4 & 2xS/S of 1**2022-03-25.** (Stamperija SRL-220135a,b1-2). Butterflies. S/T of 4 & 2xS/S of 1**2022-05-05.** (Stamperija SRL-220218a&b). Moths. S/T of 4 & S/S of 1**2022-05-05.** (Stamperija SRL-220219a&b). Insects. S/T of 4 & S/S of 1

- TOGO 2022-01-31.** (Stamperija TG-220116a,b1-2). Insects. S/T of 4 & 2 s/s of 1
2022-06-10. (Stamperija TG-220204a,b1-2). Insects on mushroom s/t of 4
2022-06-10. (Stamperija TG-220206a,b,b1-2). Butterflies, moths, beetles. 2 s/s of 4 & 2 s/s of 1
2022-06-10. (Stamperija TG-220216a, b1-2). Wasps in bee-eater birds' beaks. s/t of 4 & 2 s/s of 1

Bee Hives on the Roof of Monaco's Museum of Stamps and Coins

The Principality of Monaco's leading role in protecting the environment and biodiversity has seen it adopt a commitment to preserve bees, which are essential for the health of our planet. Under an agreement with the Union Nationale de l'Apiculture Française, for over a decade, bee hives have been installed on the green roof of the Museum of Stamps and Coins, which is planted with flowers and other vegetation. Protected from their most feared predator, the Asian hornet, by a small army of black chickens, they collect pollen in the green spaces carefully maintained by the Department of Urban Amenities.

This surprising cohabitation in such an urban environment is actually quite appropriate, given that the city is a rampart against the pesticides widely used in the countryside. In addition, the proximity to schools allows younger generations to be taught about the importance of these tireless and precise workers, with each insect playing a specific and vital role within an astonishing social structure.

Technical details

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Designer: Marie-Christine LEMAYEUR and Bernard ALUNNI

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Values: €1.65

<https://www.wopa-plus.com/en/stamps/product/&pid=74901#>



TAXONOMY OF THE NOCTUOID MOTHS

By Don Wright, BU #243, ATA # 5009

The ever-changing taxonomy of insects, coupled with the lack of worldwide agreement on names, even of higher classifications above genus, has led the author to arbitrarily select the names as found in www.nic.funet.fi/pub/sci/bio/life/insecta/index.html.

Contrary to using books for standards, the universal availability of the above reference makes it available to almost anyone. Names not found therein are taken from a variety of sources on the internet, primarily Wikipedia.

Currently the taxonomy of the Noctuid moths is in great flux. I have recently become aware of family and subfamily name assignment changes in the above reference. Names have been shifted between Noctuidae and Erebidae and their subfamily assignments. The following is the current taxonomic arrangement of the two Noctuoidea families as per our standard www.nic.funet.fi.

Erebidae, Erebininae

Achaea, Adris, Aedia, Ascalapha, Auchenisa, Baorisa, Catocala, Cocytia, Cyligramma, Dermaleipa, Egybolis, Euclidia, Grammodes, Metopta, Miniodes, Miniophyllodes, Mocis, Nagia, Ophiusa, Phyllodes, Staurophora, Thyas.

Erebidae, Lymantriinae

Arctornis, Aroa, Dasychira, Euproctis, Gynaephora, Lymantria, Psalis.

Erebidae, Aganainae

Asota, Neochera

Erebidae, Boletomiinae

Eublemma

Erebidae, Herminiinae

Hydrillodes, Simplicia.

Erebidae, Calpininae

Alabama, Anomis, Anticarsia, Diphthera, Eudocima, Eulepidotis, Thysania.

Noctuidae, Noctuinae

Agrotis, Caphornia, Dimorphinoctua, Heliocheilus, Noctua, Pareuxoina, Peridroma, Sphingomorpha, Xestia.

Noctuidae, Heliiothinae

Helicoverpa, Periphanes

Noctuidae, Amphipyriinae

Amphipyra.

Noctuidae, Hadeninae

Batuana, Cerapteryx, Diaphone, Leucania, Tiracola.

Noctuidae, Xyleninae

Apamea, Calamia, Dichonia, Mazuca, Mniotype, Phlogophora, Spodoptera, Xanthia, Xylena.

Noctuidae, Cuculliinae

Cucullia, Daphoeneura, Epicausis, Eudaphaenura

Noctuidae, Acronictinae

Acronicta, Craniophora, Heterochroma, Moma

Noctuidae, Bagisarinae

Chasmina

Noctuidae, Acontiinae

Acontia, Emmelia, Zalaca.

Noctuidae, Plusiinae

Autographa, Chrysodeixis, Macdonnoughia, Thysanoplusia, Trichoplusia.

Noctuidae, Agaristinae

Aegoceropsis, Agarista, Agoma, Burgena, Chaetostephana, Choeropais, Donuca, Episteme, Heraclia, Metagarista, Mimeusemia, Mitrophrys, Orthia



PALEONTOLOGY

Editor

Michael Kogan, BU 1863



Official Stamps

Armenia 2022 04 08 "Flora and fauna of the ancient world (VI)"

Dram 220- *Triceratops*

Dram 280- *Liopleurodon*

More details: http://www.paleophilatelie.eu/description/stamps/armenia_2022.html

French Polynesia 2022 04 19 "140 years since death of Charles Darwin"

500F – Charles Darwin

More details: http://www.paleophilatelie.eu/description/stamps/french_polynesia_2022.html

Japan 2022 06 14 "50th anniversary of the establishment of Japan-Mongolia diplomatic relations"

M/S 10

84 yen Large dinosaur *Saurolophus* and footprints

Margins / Sauropods dinosaur and footprints (reconstruction based on fossils)

More details: [http://](http://www.paleophilatelie.eu/description/stamps/japan_2022.html)

www.paleophilatelie.eu/description/stamps/japan_2022.html

Mongolia 2022 05 30 "The Unique Discoveries Of The Mongolian Dinosaurs"

500 MNT - *Citipati* incubating its eggs

500 MNT - *Deinocheirus mirificus*

1000 MNT - Embryo of *Citipati osmolskae*

1000 MNT - *Gobihadros mongoliensis*

2000 MNT - The Fighting Dinosaurs



More details: http://www.paleophilatelie.eu/description/stamps/mongolia_2022.html

Poland 2022 05 23 "Poles in Siberia - Aleksander Czekanowski"

3.60 PLN - Aleksander Czekanowski

More details: http://www.paleophilatelie.eu/description/stamps/poland_2022.html

Portugal 2022 05 06 "20th anniversary of the Pombaline Reform of the University of Coimbra"
E20g Ammonite fossil shell, *Echioceras* sp. shown on left side of the stamp



More details: http://www.paleophilatelie.eu/description/stamps/portugal_2022.html

Russia 2022 05 06 "Centenary of K. Timiryazev State Biological Museum in Moscow"
60 RUB - Ammonite and some other specimens of the Museum

On February 24th, 2022 Russian army invaded Ukraine territory and currently bombing peaceful cities and killing civilians all over the territory of Ukraine.

Please think twice if you want to buy anything from Russia, even some stamps or covers, and indirectly support their aggression against Ukraine, free and independent European country.

We call all our readers from around the world to boycott Russia - don't give your money to the country to kill Ukrainian citizens and destroy Ukrainian cities.

Boycott Russia - Save Ukraine !

---- Stamps of Stamperija ----

Note: Since 2012 the agency issues too many stamps per year on behalf of a dozen of their clients for every possible popular topic, prehistoric animals. In most of the cases these stamps have no relation to the issuing country. Reconstructions of the prehistoric animals are often not accurate.

These stamps are not recommended for serious collectors and are undesired in serious philatelic exhibits.

CENTRAL AFRICAN REPUBLIC

2022 02 10 Fossils (*Myripristis homopterygius*; *Beryx zippei*; *Myripristis leptacanthus*, *Cynodon gibbus*) M/S 3, S/S 1

2021 12 20 Dinosaurs (*Carcharodontosaurus saharicus*; *Nodosaurus textilis*; *Coelophysis bauri*; *Pachyrhinosaurus canadensis*, *Cryolophosaurus ellioti*) M/S 4, S/S 1

2021 11 30 Prehistoric water animals (*Stenopterygius quadriscissus*; *Henodus chelyops*; *Plesiosaurus dolichodeirus*; *Elasmosaurus platyurus*, *Utatusaurus hataii*) M/S 4, S/S 1

CHAD

2021 12 20 Fossils (*Trionyx planus*; *Glossochelys planimentum*; *Puppigerus breviceps*; *Puppigerus crassicostata*, *Megalosaurus bucklandii*) M/S 4, S/S 1

2021 12 20 Flying dinosaurs [*1] (*Sordes pilosus*; *Rhamphorhynchus muensteri*; *Anhanguera piscator*; *Eudimorphodon ranzii*, *Pterodactylus longicaudus*) M/S 4, S/S 1

2021 11 30 Dinosaurs (*Nedoceratops hatcheri*; *Irritator challengerii*; *Tyrannosaurus rex*; *Probactrosaurus gobiensis*, *Velociraptor mongoliensis*) M/S 4, S/S 1

2021 11 30 Prehistoric humans (*Homo neanderthalensis*; *Australopithecus africanus*; *Homo erectus*, Cro-Magnon Man) M/S 4, S/S 1

DJIBOUTI

2022 04 25 Fossils (*Plesiosaurus dolichodeirus*; Ammonoidea) M/S 4, S/S 1

2022 04 25 Prehistoric water animals (*Drepanaspis gemuendenensis*; *Doryaspis nathorsti*; *Pteraspis*)

rostrata; Dunkleosteus terrelli, Pteraspis rostrata) M/S 4, S/S 1

2022 04 25 Prehistoric humans (*Australopithecus africanus; Homo neanderthalensis, Homo erectus; Homo heidelbergensis; Homo sapiens, Homo neanderthalensis, Paranthropus robustus*) M/S 4, S/S 1

2022 01 24 Fossils (*Cycadopteris heterophylla; Perca lepidota; Hyloplezion longicostatum, Cyclopoma spinosum, Microbrachis pelicani, Microbrachis mollis*) M/S 2, 2 S/S 1

2022 01 24 Flying dinosaurs [*1] (*Quetzalcoatlus northropi; Batrachognathus volans; Pteranodon ingens, Dimorphodon macronyx, Sordes pilosus*) M/S 2, 2 S/S 1

2021 12 20 Dinosaurs (*Bactrosaurus johnsoni; Massospondylus carinatus; Alectrosaurus olseni; Haplocanthosaurus priscus, Tyrannosaurus rex*) M/S 4, S/S 1

GUINEA

2022 01 25 Dinosaurs (*Erlikosaurus andrewsi; Dilophosaurus wetherilli; Plateosaurus trossingensis; Daspletosaurus torosus, Panoplosaurus mirus*) M/S 4, S/S 1

GUINEA-BISSAU

2021 12 20 Dinosaurs (*Edmontosaurus annectens, Tyrannosaurus rex, Maiasaura peeblesorum, Gryposaurus notabilis*) M/S 3, S/S 1

2021 12 10 Fossils (*Haidingeria latifolia; Omosaurus perplexus; Chondrosteosaurus gigas, Iguanodon bernissartensis*) M/S 3, S/S 1

2021 12 10 Flying dinosaurs [*1] (*Pteranodon longiceps; Dsungaripterus weii; Anhanguera blittersdorffi, Cearadactylus atrox*) M/S 3, S/S 1

2021 11 25 Dinosaurs (*Ornithocheirus simus, Tyrannosaurus rex, Yangchuanosaurus shangyouensis, Allosaurus fragilis, Parasaurolophus walkeri*) M/S 4, 4 S/S 1

LIBERIA

2022 01 05 Fossils (*Bothriospondylus suffossus; Omosaurus perplexus; Omosaurus perplexus; Iguanodon bernissartensis, Iguanodon mantelli*) M/S 4, 2 S/S 1

2022 01 05 Dinosaurs (*Heterodontosaurus tucki; Staurikosaurus pricei; Lexovisaurus durobrivensis; Piatnitzkysaurus floresii, Ceratops horridus, Albertosaurus sarcophagus*) M/S 4, 2 S/S 1

MOZAMBIQUE

2022 04 05 Flying dinosaurs [*1] (*Noriopterus parvus; Sordes pilosus, Tropeognathus mesembrinus, Tapejara wellnhoferi*) M/S 8, 2 S/S 1

2021 12 30 Fossils (*Trilobita sp.; Lycoptera sp.; Aceratherium aralense; Mammuthus sp., Aceratherium aralense; Mammuthus sp.*) M/S 4, 2 S/S 2

2021 12 30 Dinosaurs (*Achelousaurus horneri; Cryolophosaurus ellioti; Gargoyleosaurus parkpinorum; Ichthyosaurus, Gargoyleosaurus parkpinorum; Ichthyosaurus*) M/S 4, 2 S/S 2

NIGER

2022 05 27 Fossils (*Voluta ambigua, Anadara multicostata; Pagellus libanicus; Acanthonemus filamentosus; Perca angusta, Pagellus leptosteus*) M/S 4, 4 S/S 1

2022 05 27 Flying dinosaurs [*1] (*Pterodactylus antiquus; Pterodactylus longicaudus; Sordes pilosus; Pteranodon longiceps, Quetzalcoatlus northropi*) M/S 4, 4 S/S 1

2022 05 27 Prehistoric water animals (*Pteraspis rostrata; Dunkleosteus terrelli; Liopleurodon ferox; Ichthyostega stensioei, Ichthyosaurus communis*) M/S 4, 4 S/S 1

SÃO TOMÉ AND PRÍNCIPE

2021 12 30 Fossils (*Hyloplezion longicostatum; Smerdis micracanthus; Pecopteris serrata; Amaltheus oxynotus, Beryx ornatus*) M/S 4, 4 S/S 1

2021 12 30 Prehistoric humans (*Homo erectus; Homo neanderthalensis; Homo sapiens, Reindeer Hunters*) M/S 4, 4 S/S 1

2021 12 30 Prehistoric water animals (*Gerrothorax pulcherrimus; Drepanaspis gemuendenensis; Ammonite; Henodus chelyops, Nanchangosaurus suni*) M/S 4, 4 S/S 1

2021 12 20 Dinosaurs (*Tyrannosaurus rex*, *Edmontosaurus regalis*, *Daspletosaurus torosus*; *Ankylosaurus magniventris*, *Troodon wyomingensis*; *Yutyrannus huali*, *Anurognathus ammoni*, *Pteranodon longiceps*) M/S 4, 4 S/S 1

2021 11 30 Flying dinosaurs [*1] (*Scaphognathus crassirostris*; *Dimorphodon macronyx*; *Pteranodon longiceps*; *Dsungaripterus weii*, *Sordes pilosus*) M/S 4, 4 S/S 1

SIERRA LEONE

2022 05 05 Fossils (Ammonoidea) M/S 4, 4 S/S 1

2022 05 05 Flying dinosaurs [*1] (*Pterodactylus antiquus*; *Pteranodon longiceps*; *Rhamphorhynchus longicaudus*)

2022 05 05 Extinct birds (*Pachyornis elephantopus*; *Emeus crassus*; *Aepyornis maximus*; *Phorusrhacos longissimus*, *Archaeopteryx lithographica*) M/S 4, 4 S/S 1

2022 05 05 Extinct mammals (*Paraceratherium transouralicum*; *Smilodon populator*; *Megaloceros giganteus*; *Mammuthus primigenius*, *Smilodon fatalis*) M/S 4, 4 S/S 1

TOGO

2022 06 10 Meteorites (*Spinosauros aegyptiacus*, *Giraffatitan brancai*) M/S 4, 2 S/S 1

2022 06 10 Dinosaurs (*Brachiosaurus altithorax*; *Adasaurus mongoliensis*; *Camarasaurus supremus*; *Tyrannosaurus rex*, *Suchomimus tenerensis*, *Stegosaurus stenops*)

2022 01 31 Fossils (*Lepterpeton dobsyii*; *Beryx germanus*; *Sphaeropteris sp.*; *Aegoceras davaei*, *Oistoceras wrighti*, *Smerdis minutus*) M/S 4, 2 S/S 1

2022 01 31 Prehistoric water animals (*Placochelys placodonta*; *Shonisaurus popularis*; *Elasmosaurus platyrus*; *Xiphactinus audax*, *Henodus chelyops*, *Basilosaurus cetoides*) M/S 4, 2 S/S 1

Personalized Stamps

Australia 2022 06 14 "Jurassic World: Dominion Stamp Pack"

There are 12 stickers and 12 \$1.10 MyStamps in this licensed stamp pack, which focuses on "Jurassic World: Dominion," the next chapter in one of the biggest franchises in the history of cinema.



Postmarks

Armenia 2022 04 08 "Flora and fauna of the ancient world (VI)" [FDC] - *Tricertops*

Czech Republic 2022 03 25 "Burianosaur Augustaii"

French Polynesia 2022 04 19 "140 years since death of Charles Darwin" [FDC]

Mongolia 2022 05 30 "The Unique Discoveries Of The Mongolian Dinosaurs" [FDC]

Poland 2022 05 23 "Poles in Siberia - Aleksander Czekanowski" [FDC] -



Ammonite

Postmarks and personalized stamps of Czech Republic

Since beginning of 2019 "Flora and Fauna" philatelic club in Czech Republic start to produce its own personalized stamps and commemorative R-labels. Here are the labels with images of prehistoric animals and fossils, issued this year. Nice stuff, but they offer it in internet for the crazy price: €40-€100 (!) per



cover with some of their stamps and the R-labels.

Some of personalized stamps of the club, issued this year and some covers with these stamps and the



postmarks.

Future issues

05.09.2022 - Australia - Mini-Sheet of 5 stamps "Australian Dinosaurs".

09.09.2022 - Slovakia - set of 2 stamps "Nature Protection: Important Fossils from Slovakia":
Gastropod *Vexillum svagrovskyi* and Seal *Devinophoca claytoni*.

02.11.2022 - Suriname - set of 5 stamps "Dinosaurs".

15.11.2022 - Hong Kong - set of 6 stamps "Dinosaurs".

The Hong Kong Science Museum will issue a set of six stamps, a stamp sheetlet and related philatelic products under the theme of "Dinosaurs", displaying several species of dinosaurs from the Jurassic and Cretaceous periods, such as *Triceratops*, *Tyrannosaurus* and *Allosaurus*.

??.11.2022: Poland - set of 3 stamps "Dinosaurs".

Kyrgyzstan - "Prehistoric animals of Kyrgyzstan", set of 3 stamps

Peru - Souvenir-Sheet with reconstruction and fossil of one of marine reptiles discovered in the country.

Notes:

[*1] - 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 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/current.html>



www.Paleophilatelie.eu



*the most comprehensive resource about Paleontology
and Paleoanthropology in Philately, the place where
Paleontology and Paleoanthropology meets Philately*



