

BIOPHILATELY

OFFICIAL JOURNAL OF THE BIOLOGY UNIT OF ATA
JUNE 2022 VOLUME 71 NUMBER 2

Are you comfortable in your skin?



Do you have skin in the game?

Stamps with real skin or embossing to look like scales.

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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

In this edition we have another fascinating article from Indraneil Das and Genevieve Gee on "Dermal Philately." Not so long ago they gave us the article on stamps with embedded seeds that the journal of the American Topical Association, **Topical Time**, has requested for a reprint. We have the first of a four part series covering the natural history of India from our newest member, Lokeswara Rao. And Paul Mistretta has been mushroom hunting among the former republics of the Soviet Union where he has found a basketfull of illegal issues.

This is again a slimmed down version of the journal, with only 67 pages. Last December we had nearly 100 pages. I asked our associate editors to reduce the uncatalogued issues that they list, and they have responded to that request. Unfortunately, the March issue cost us more to print and mail than the December issue, even though it was some 30 pages less. It looks like we will not be able to publish a complete print version of **Biophilately** this year. With less than \$3000 in the bank and each issue costing around \$1,000 to print and mail, we will be able to publish at least two more issues.

We may have to increase membership dues to cover costs. I do not like the idea of increasing membership dues again, after raising them just last year. For those of you going to the Great American Stamp Show in Sacramento in August, you may want to discuss this at the Biology Unit meeting. Usually these meetings are more social gatherings so we can get to know other Biology collectors. But this might be as good a time as any to hear what the membership is willing to do.

Stamp shows seem to be returning to normal after the COVID 19 disruption. There were enthusiastic collectors and exhibitors at the St. Louis Stamp Expo that I attended at the end of March. Our local stamp club had a show, CERAPEX, here in Cedar Rapids in April which drew good attendance.

Chris

DUES RATES (US\$)

US membership \$30
 Canada membership \$35
 Worldwide membership \$50
 On-line membership \$20

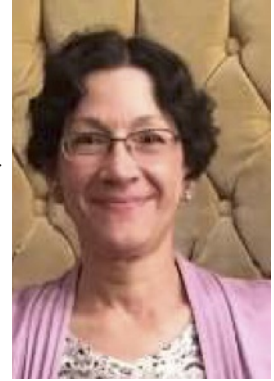
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Please see the Biology Unit web site (www.biophilately.org) for membership applications. Several payment options are available. Send applications and payments payable to the Biology Unit of ATA to Chris Dahle, 1401 Linmar Dr NE, Cedar Rapids, IA 52402

PRESIDENT'S MESSAGE

I hope everyone is well and happily collecting your topical stamps. I have found some great stamps, but it is getting harder and harder to find the new issues. I remember going through boxes of dealer's extra new stamps. But fewer and fewer dealers are buying extras, just enough for subscribers. My topics are too specific for that to be practical. Two dealers that still offer extra sets just don't travel anymore, age and health catching up. I was saddened by the letter I received from Herrick new issues. The last ordering sheets were sent out in early May. I have been ordering from them for close to three decades. My father introduced me to them. That got me thinking about all the changes since he passed away in 2004. So many of his dealer friends have passed away, their businesses closed down. Others have closed their shops and retired. Many of the old auction houses have merged or bought out. It is all quite sad – enough of the past. Hopefully as the world gets Covid under control, mail becomes more regular, new issues will return more readily.



I can't believe only three months left until the Great American Stamp Show! I am excited at the chance to meet more Biology Unit members from the West Coast. I have never been to Sacramento. If anyone would like to give a talk or present a topical collection, please let Chris or me know. I am sure people would love to hear about your collections.

My garden is certainly coming alive. The grape hyacinth, crocus and daffodils are gone. My beloved tall bearded iris are opening up now. One corner is a sea of white and pale lavender. I am anxiously waiting for my "Lord of Rings" (I couldn't resist) to open up. My knockout rose is covered with coral blooms and the small rose bushes are just about ready. The hardy geraniums, penstemons, and clematis are starting as well. All of this is not helping my allergies! The birds are all flocking to the feeders. I have a robin's nest out front. The baby robin looks so sad peering over the edge of the nest. I can't wait for the humming birds to appear! Happy Late Spring to everyone.

Laurie

SECRETARY'S CORNER

Please welcome these new members:

Lokeswara Rao Madiraju, India. #1916. Collects Orchids, National Parks, Sanctuaries, Buddhism.

Reinstated members:

Beth Collins, Minnesota. #1814. Collects Trees, Penguins, African animals.

This is a reminder to those who have not yet paid dues for 2022, please do so as soon as possible.

Annual Meeting, 11:00am August 27, 2022

The Biology Unit annual meeting will be held in Room 12 on Saturday, August 27, 2022 at 11:00 a.m. during the Great American Stamp Show (GASS). The show is being held at the SAFE Credit Union Convention Center (Hall C/D), 1400 J St, Sacramento, California. GASS runs from Thursday, August 26 to Sunday, August 28. The show is jointly sponsored by the American Topical Association (ATA), the American Philatelic Society (APS) and the American First Day Cover Society (AFDCS). This is the fourth show jointly sponsored by the ATA and the APS, and the second one with all three societies. The editor would appreciate any written reports and photos from GASS. Visit the web site of the APS for more information: <https://stamps.org/great-american-stamp-show>

News of Note

Paleophilately Website Wins Vermeil

In February 2022, the Paleophilatelie.eu website was awarded a Vermeil Medal in the competition of philatelic websites at Worldwide Exhibition, London 2022, held under the patronage of the FIP (Fédération Internationale de Philatélie).

Boston 2026 “Society Major Sponsor” Named

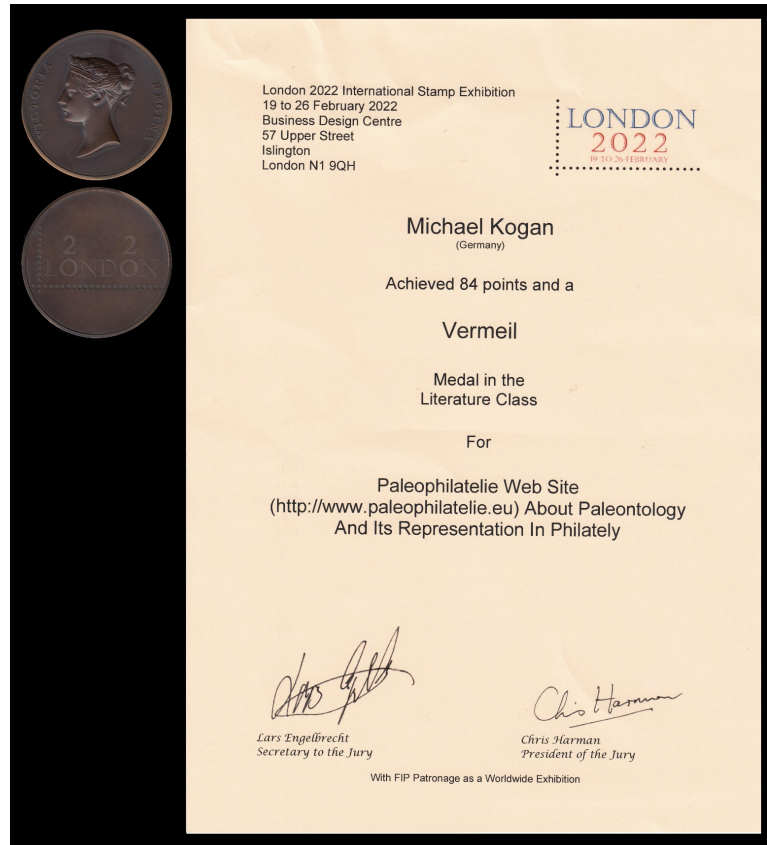
The United Postal Stationery Society has been named a Boston 2026 World Expo “Society Major Sponsor.”

UPSS President Edward Heir and past President Wayne Menuz met with Boston 2026 officers at show headquarters in Boxborough, Massachusetts, to discuss ways the society could assist the upcoming international philatelic exhibition. As a result, the UPSS Board of Directors appointed Convention Coordinator Bob Thompson as their Boston 2026 liaison and made a \$50,000 major contribution to the expo.

Quoting the society’s donation letter announcing their plans, “It has been the mission of the United Postal Stationery Society, Inc., since its formation in 1945, to support the collection, research and promotion of worldwide postal stationery. Certainly, our society’s active participation in Boston 2026 international exhibition, the once in 10 years philatelic event, is in line with that mission.” Their homepage is at upss.org.

Nancy Clark, President of Boston 2026 World Expo and an active collector and exhibitor of postal stationery, said, “We welcome the strong support of the postal stationery community to our celebration of philately and the study and collecting of postal communication.”

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.



**THIRD ANNUAL SESCAL LITERATURE EXHIBIT OPEN FOR SUBMISSIONS
DEADLINE SEPTEMBER 1, 2022**

Los Angeles, CA March 19, 2022. The Stamp Exhibition of Southern California is pleased to announce that it is now accepting articles for its 3rd Annual SESCAL Virtual Literature Exhibit of Philatelic Articles. This is an exhibition of printed and electronically delivered articles related to the collection and study of postage stamps and stationery, postal history, revenue stamps and stamped paper, cinderella stamps and associated specialized fields.

Last year's Grand Award winners were Peter Schwartz and Calvin Mitchell for their article "Re-Evaluating a Philatelic First: The Earliest Depiction of Black History on U.S. Stamps" published in the American Philatelist. Anker Nielsen took the Reserve Grand Award for his article "Foreign registration labels with letter codes A, B or C" published in Japanese Philately.

Articles submitted must have been published no earlier than September 1, 2020 and may not exceed 8,000 words. The submission deadline is September 1, 2022.

Full details, prospectus, application, and previous articles may be found at <https://sescal.org/literature-exhibit/>.

SESCAL is the annual World Series of Philately stamp exhibition held in the Los Angeles area as the major event of The Philatelic Society of Los Angeles. Founded in 1927, The objective of PSLA is to promote, study, encourage and develop all aspects of philately with an emphasis on research and education. It meets twice a month for presentations and philatelic sharing. Additional information about the Philatelic Society of Los Angeles is available at <https://stampspla.com/>.

Lois M. Evans, Literature Chairperson
sescal.lois@gmail.com
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Comments from Michael Kogan on Judging Websites

Since 2018, I have been submitting the paleophilatelie.eu site to international competitions in the Electronic-Literature category, as can be seen here: <http://www.paleophilatelie.eu/awards.html>. I aim to popularize the topic, especially with young philatelists. I am continually improving the breadth of information available at the site as well as the quality of the philatelic materials exhibited.

However, after participating in several international philatelic website competitions including London 2022, I have to say that competitions are mishandling the exhibition of websites during the actual conferences. The only way for visitors to know that this category of exhibition exists at the conferences is to read the lists of competing websites in the program.

The cost of a digital media presentation participating is approximately the same as the fee for a one-frame physical exhibit. One-frame exhibits are clearly displayed on site – but digital media are invisible because there is no way for attendees to see the websites (no computer screens, notebooks, or other electronic displays showing the competing websites).

In case there is no room for computers or lack of public internet, it can be possible to add a frame per website with synopsis and some printed screen shots with QR Codes to allow the visitors to get the first impression, then visit it on their mobile devices such as smartphone or tablets.

I feel strongly that this is discriminating against digital media. I know, there are some stamp shows organizers and judges read this magazine. Do you think it is possible to change the situation on the next coming shows you are going to organize or judge ?

I will appreciate your feedback (you can email me on admin@paleophilatelie.eu or send your comments to the editor of the magazine: Mr. Christopher Dahle).

DERMAL PHILATELY: STAMPS HIGHLIGHTING SKIN, FUR, FEATHER, AND SCALES

Indraneil Das (BU 1857) and Genevieve Gee

Introduction

The skin is the largest and heaviest organ, weighing 12–15% of body mass in humans. Its multiple functions include protecting tissues and organs, storing water, vitamin D, fat and glucose, regulating body temperature, shielding the body from harmful ultra-violet rays and acting as the first line of defense against infectious diseases. Many sensory receptors are located along the skin surface- from heat and cold to touch and pressure. Derived from the epidermis, the outermost skin layer, a variety of structures can be found in the animal kingdom, from hair and fur to scales and feathers.

In this article, we describe stamps that are based on the integumentary system, comprising the skin, and its main derived product, leather. Also dealt with are material, such as flocked paper or metallic foil, or processes, such as embossing, used to produce stamps to mimic the surface structures of animals, such as fur, feathers and scales that are modifications of the skin. Entries are listed in taxonomic order.

Fish Skin

Posta, the stamp issuing authority of the Faroe Islands, administered by Denmark, on 26 September 2016 issued a single stamp to which a real piece of fish skin is attached (SG 760, Scott 668). The DKK 50 stamp has an affixed piece of skin of the Atlantic Cod (*Gadus morhua*) (Fig. 1). The source of the unusual attachment was the North Atlantic fish exporter, Nevið in Runavík, Faroe Islands and was tanned by Atlantic Leather in Iceland. Fish skin tanning is an ancient art, and leather from the cod is reportedly more durable than cow leather, and used in the manufacture of shoes, bags and watchbands.



Fig. 1. Faroe Islands, 26 September 2016, fish skin (SG 760, Scott 668).

Reptile Scales

Empresa Brasileira de Correios e Telégrafos, the postal authority of Brazil issued a dazzlingly beautiful single stamp (SG 3188, Scott 2781) on 24

January 2001, on the occasion of the Chinese Lunar New Year at the Hong Kong 2001 International Stamp Exhibition. The stamp depicts a stylized snake and is of face value R\$1.45. The scales are

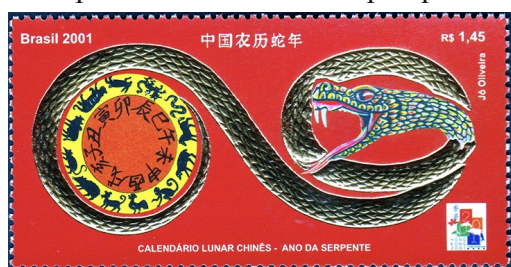


Fig. 2. Brazil, 24 January 2001, gold-foiled and embossed (SG 3188, Scott 2781).

as 22 carat gold on granite paper (by Cartor Security Printing of La Loupe, France, associated with fine philatelic products) to commemorate the end of the Chinese Lunar Year of the Snake and start of the Lunar Year of the Horse. The face value of the sheetlet is HK\$100 (each stamp HK\$50). The snake image is silver foiled, to enhance the head scales (Fig. 3).

highlighted using gold-foiling and embossing techniques (Fig. 2). Snake body scales form rows of odd numbers, and tend to be enlarged on the belly, and more rounded on the body, and their counts often the traditional basis of species identification.

On 11 January 2014, Hong Kong Post issued a miniature sheet (SG MS1842, Scott 1616), foiled with silver as well



The same design was reproduced in a single stamp (SG 1929), issued se-tenant with three other animals of the

Fig. 3. Hong Kong, 11 January 2014, gold- and silver-foiled on granite paper (SG MS1842, Scott 1616).



Fig. 4. Hong Kong, 24 January 2015, gold foiled (SG 1928–1931).

holographic foil printed miniature sheet, with a hand sculptured embossed figure (SG MS4974) of a Green Turtle (*Chelonia mydas*). The larger image on selvage to left shows the anterior half of the animal, the carapace scutes embossed. Each of the four A\$1 stamp shows the entire animal, which bear embossing of carapace scutes and additional holographic features to show shoals of fish (Fig. 5). Day 3 saw the release of a copper-foiled sheetlet (SG MS4975), with hand-sculpted embossed figure of an Olive Sea Snake (*Aipysurus laevis*). A large version appears on the selvage on the left, while each of the four A\$1 stamp has a smaller version of the image. The copper-foiled image accurately shows all scales of the snake’s head in frontal view (Fig. 6).

Canada Post, on 8 January 2013, issued a single stamp (SG 2906, Scott 2599) to commemorate the Chinese Lunar New Year of



Fig. 8. Canada, 8 January 2021, foil stamping and embossed (SG 3541–3552, Scott 3259).

Chinese Zodiac on 24 January 2015 (SG 1928–1931), the other animals being dragon, horse and ram, each of HK\$10 value (Fig. 4). This version is gold-foil embossed, although squamation features of the snake appear less distinct than the original version.

Australia Post, on the occasion of the 35th Asian International Stamp Exhibition “Macau 2018”, 21–24 September 2018, issued four Great Barrier Reef-themed miniature sheets, one on each day of the show. These were produced by its production arm, Sprintpak. On Day 2 was the release of a clear laser



Fig. 5. Australia, 22 September 2018, clear laser holographic foiled and hand-sculptured embossed (SG MS4974).



Fig. 6. Australia, 23 September 2018, copper-foiled and hand-sculptured embossed (SG MS4975).

the Snake (Fig. 7). On 15 January 2021, the stamps from the set, representing the 12 zodiac animals, were reissued in the form of a sheetlet (SG 3541–3552, Scott 3259), retaining the respective face values (Fig. 8). In both issues, the foil stamping and embossing applied to the stylized snake motif (the sixth animal in the Chinese Zodiac) highlight the scales on upper parts of the body. These are denominated ‘P’, currently, C\$0.92.



Fig. 7. Canada, 8 January 2013, foil stamping and embossed (SG 2906, Scott 2599).

The postal agency for North Korea issued four miniature

sheets (all SG MS uncatalogued), that had several special features, to commemorate the Bandung 2017, Specialized World Stamp Exhibition, held 3–7 August 2017 at the Trans Studio Convention Center in Bandung, Indonesia, under the Fédération Internationale de Philatélie. Two of these are rectangular, the other two die-cut in a near subcircular shape, all depicting the fauna of Indonesia. One of these, of face value ₩50 depicts the Komodo Dragon (*Varanus komodoensis*), the world's largest as well as heaviest living lizard



Fig. 9. North Korea, 3 August 2017, glittering spot lamination and embossed (SG MS uncatalogued).

(reaching 3 meters and tipping the scale at 70 kilos). The head and extended tongue of the larger image on selvage are embossed, while the glittering spot lamination of the entire body produces a remarkable likeliness of the small body scales of the species (Fig. 9).

Bird Feathers

The Terres Australes et Antarctiques Françaises (TAAF), or the French Southern and Antarctic Lands has its postal authority, its philatelic issues managed by La Poste, France. On 2 January 2018, TAAF issued a miniature sheet (SG MS844, Scott 586) to commemorate the 20th Anniversary of



Fig. 10. Terres Australes et Antarctiques Françaises, 2 January 2018, flocked paper (SG MS844, Scott 586).

the Madrid Protocol, also known as ‘The Protocol to the Antarctic Treaty for the Protection of the Antarctic Environment’, which was signed on 4 October 1991 in Madrid. The goal of the same is to provide comprehensive protection of the Antarctic, described as ‘the last great wilderness on earth’, through its designation as an international nature reserve, devoted to peace and science.

Depicted in the left foreground of the sheetlet (Fig. 10) is a family of Emperor Penguins (*Aptenodytes forsteri*), the parents’ belly region in the sheetlet flocked, resembling the soft feathers of the birds. Penguin feathers are shiny, and uniformly overlap to cover the skin. Further, they are relatively short, broad, dense (about 100 feathers per square inch) and have tufts of down on the feather shafts, all

adaptations for waterproofing and keeping warm.



Fig. 11. Malaysia, 13 January 2013, embossed (SG MS1935, Scott 1446).

Pos Malaysia, on 13 January 2013, issued a series entitled “Woodpeckers”. The RM5 miniature sheet (SG MS1935, Scott 1446) shows a family of three White-bellied Woodpeckers (*Dryocopus javensis*), whose wings and crest are beautifully embossed (Fig. 11). It is a species of conservation importance, several subspecies being endangered or extinct.

A gold-foiled miniature sheet was issued by PHLPost, the postal authority of the Philippines, on the occasion of ASEANPEX, held 4–6 November 2017 at Pasay City, Philippines (SG uncatalogued,



Fig. 12. Philippines, 4 November 2017, gold foiling technique (SG uncatologued, Scott 3746).

Feather too evolved from the epidermis, initially perhaps to keep warm. Described as one of the most complex skin-derived structure, a separate field of science – ‘Plumology’ or plumage science, exists for its study.

Mammal Fur- or Skin-like

Central African Republic, on 2 March 2015, issued a foldable miniature sheet, comprising two tête-bêche stamp sheetlets on card paper at the Asian International Stamp Exhibition 2015 “Taipei 2015”, depicting two Formosan Black Bears (*Ursus thebetanus formosanus*), of face value FCFA500 (x 3) and FCFA1,300 (SG uncatologued). The same can be made to stand vertically by folding the sheet and gluing the edges. The appearance of the bears is enhanced with black flocked paper (Fig. 13).



Fig. 13. Central African Republic, 2 March 2015, flocked paper (SG uncatologued).



Fig. 14. Germany (Brief und Mehr), 10 June 2013, flocked paper (SG uncatologued).

Brief und Mehr, a private postal company, issued a miniature sheet on 10 June 2013 (SG uncatologued), depicting an Asian Elephant (*Elephas maximus*), for the Allwetterzoo Münster, in Westfalen, Germany. The elephant image is printed on flocked paper, to help replicate a smooth feel of the animal (Fig. 14).

On 25 February 2015, Pos Malaysia issued a miniature sheet (SG MS2068), to commemorate the International Cooperative Project on Giant Panda Conservation, with the People’s Republic of China. As part of intergovernmental agreement, a pair of Giant Panda (*Ailuropoda melanoleuca*) was given on a breeding

loan by Beijing to Kuala Lumpur, the pair producing three cubs till early 2022. The sheetlet comprises two RM4 stamps, and the flocked paper gives the effect of fur (Fig. 15).

Hair, restricted to mammals, has a number of critical functions, from insulation (hence, more furry animals in northern climates), acting as waterproofing, sensory use and even for camouflage. In the

stamps highlighted above, details have been achieved through the use of flocked paper, ‘flocking’ itself a technique of depositing numerous small fiber particles onto a surface. Flocked paper can mimic animal surfaces in both permitting use of tactile (touch) senses as well as three-dimensional appearance to a surface.



Fig. 15. Malaysia, 25 February 2015, flocked paper (SG MS2068, Scott 1541).



Fig. 16. Austria, 23 October 2020, leather (SG uncatalogued, Scott 2904).

Real Leather or Hair

Skiing has a long tradition in Austria, a central European nation famous for “Sound of Music” and its snowy slopes. On 23 October 2020, Post AG, the agency for Austria, issued an innovative postage stamp-

one depicting a ski tip, made with a real ski coating that uses a combination of wood, aluminum, plastic, and leather. A thin layer of aluminum-plastic composite was cut in the shape of a ski tip using the high-tech Computer

Numerical Control (CNC) operated milling machine and the silvery surface of aluminum composite was brushed. When viewed from side, the stamp looks like the edges of a ski. A special acrylic gel was used to apply the original yellow ski coating, specially adapted in strength for stamp. The stamp has a face value €7 (SG uncatalogued, Scott 2904) and features a panoramic view of mountains and a skier in action (Fig. 16).



Fig. 17. Spain, 25 October 2021, leather (SG uncatalogued).

On 25 October 2021, Correos Post, the postal authority of Spain issued an

entirely leather stamp to highlight the trade of leather (Fig. 17). It is part of the ‘Oficios Antiguos’ (ancient trades) series, much anticipated by collectors. Each leather product is decorated by highlighted reliefs that are traditionally done manually. The technique was



Fig. 18. Spain, 25 October 2021, leather (SG uncatalogued), first day cover.

reportedly introduced locally by the Arabs in the Middle Ages, becoming popular in the 16th and 17th centuries. Figs. 18–19 show first day cover and postcard issued with the release.



Fig. 19. Spain, 25 October 2021, leather (SG uncatalogued), postcard.

Tajikistan Post, on 10 December 2020, in collaboration with the Lithuania-based philatelic company, Stamperijia issued a real leather miniature sheet (SG uncatalogued), printed with

gold foil. It commemorates the Chinese Lunar New Year of the Ox 2021 (Fig. 20). It has a face value of Tajikistani Somoni (SM) 20.

Puppetry is a favorite traditional pastime in the multicultural nation of Indonesia. A release from 18 June 2012, at the World Stamp Championship, Jakarta, was a miniature sheet of a puppet piece made of real Buffalo hide (SG MS3427b). It has a face value of IDR20,000 (Fig. 21). As part of the Hindu epic Mahabharat, several characters are featured on the stamp sheetlet, which is popular in the archipelagic nation through performances of Wayang Kulit, a unique puppet theatre that employs light and shadows. Flattened puppet figures



Fig. 21. Indonesia, 18 June 2012, buffalo hide (SG MS3427b).

produce shadows from oil lamps, and are shown to rural audiences, as part of a travelling show. Domestic Buffaloes (*Bubalus bubalis*) are thought to have descended from the Wild Water Buffalo (*B. arnee*) in south and southeast Asia.

Horse hair is used for a variety of purposes, from the manufacture of upholstery to pottery and jewellery and paint brushes, for stringed instrument bows (such as for the violin), as a fishing line as well as gloves for handling such lines, and as early sutures for plastic surgery. Hair derived from the tail of horses are supposed to bring luck, according to central European lore.

On 1 June 2015, Bpost, the stamp issuing agency of Belgium, issued a €7.20 miniature sheet (SG MS4642, Scott B1184), on the occasion of the annual folk festival of the “Doudou” (or Ducasse de Mons), held at the Grand-Place of Mons, that has a pasted hair of a horse (Fig. 22). The Grand Place becomes a battlefield for Lumeçon, a fight between the good (represented by Saint George) and the evil (depicted by the dragon). The length of the show’s ‘dragon’ is about 10 metres, its tail covered with horse hair. The strand of horse hair on the bottom selvage of the miniature sheet is about 25 cm, and each of the five stamps are of face value €0.72 (the premium charged for the sheetlet thus a clear 100%).

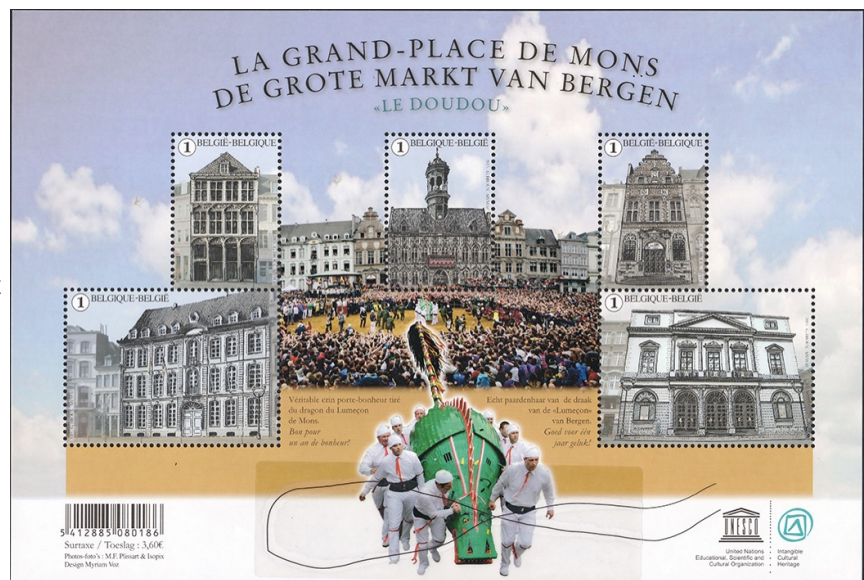


Fig. 22. Belgium, 1 June 2015, horse hair (SG MS4642, Scott B1184).

Faux-leather or Skin

Austria Post, on 24 September 2015 issued a single stamp (SG 3364, Scott 2580) of face value €6.30 in the form of leather breeches (Lederhosen), that are either short or knee-length trousers, with buttoned fly flap. Typically made of deerskin, they are hand-sewn. The stamp is made of Alcantara leather, a soft,



Fig. 20. Tajikistan, 10 December 2020, leather (SG uncatalogued).



Fig. 23. Austria, 24 September 2015, Alcantara leather (SG 3364, Scott 2580).

suede-like microfiber, the buttons, traditionally made of buckhorn, are represented in the stamp by six white Swarovski crystals (Fig. 23).

Swiss Post, on 7 May 2015, issued a skin-themed stamp (SG 2061, Scott 1561), at the 56th International Art Exhibition – la Biennale di Venezia, entitled “Skin Tone”. It is of face value CHF1, and printed on flocked paper, to give a feel of human physical contact (Fig. 24). The stamp is inscribed with “Human Surface” and is yet another unusual philatelic product from Cartor.

Cartor.

Acknowledgements: The first author thanks the Institute of Biodiversity and Environmental Conservation, Universiti Malaysia Sarawak, for support of his research.

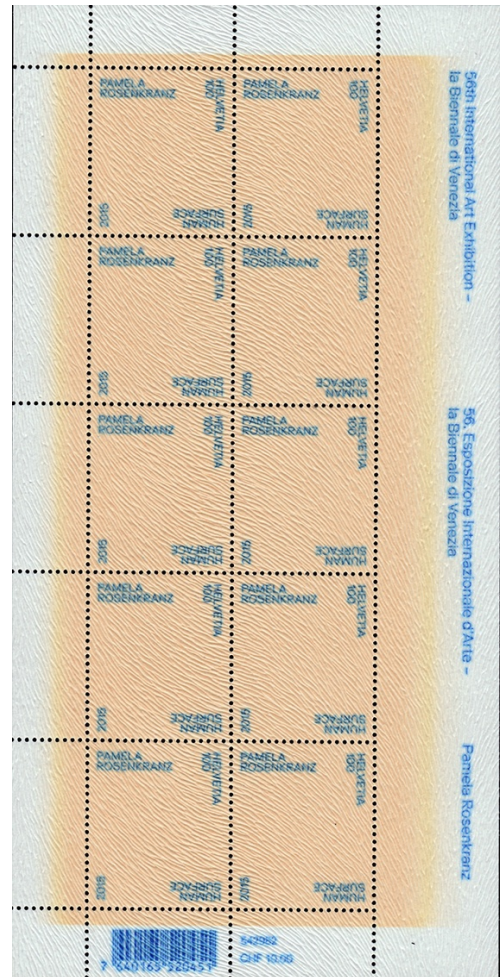
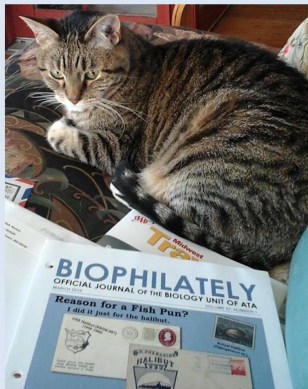


Fig. 24. Switzerland, 7 May 2015, flocked paper (SG 2061, Scott 1561).

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



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Natural Heritage of India on Stamps: Part 1 of 4

M.Lokeswara Rao IFS (Retd) BU #1916

Principal Chief Conservator of Forests & Head of Forest Force (Retd)

“Vruksho Rakshati Rakshita Ha' - Nurture the Nature state our scriptures (Nature protects if she is protected) alluding to the fact that one who preserves nature reaps the benefits and one who violates it, slowly but surely travels on the path of self destruction”

India is rich with natural heritage. Natural heritage refers to the sum total of the elements of biodiversity, including flora and fauna, ecosystems and geological structures. It forms part of Natural Resources. As per the State of Forests Report 2019 published by forest survey of India total forest and tree cover of India is 807,276 sq km which is 24.565% of the geographic area of the country

India ranks among the top ten species-rich nations in the world. India has four global biodiversity hot spots. They are the Eastern Himalaya, Indo-Burma region, the Western Ghats, and the Sundarbans. The varied edaphic, climatic and topographic conditions and years of geological stability have resulted in a wide range of ecosystems and habitats which include numerous forests, grasslands, wetlands, deserts, and coastal and marine ecosystem. India is one of the 17 Mega Biodiversity Nations in the world. From about 70 per cent of the total geographical area surveyed by the Ministry of Environment and Forests in India, 45,500 plant species (including fungi and lower plants) and 91,000 animal species, representing about seven percent of the world's flora and 6.5 per cent of the world's fauna, respectively, have been described. The Pride of India lies in its nearly 6,500 native plants which are still used in the indigenous healthcare systems. It is a country with rich biodiversity. India can boast of more than 500 species of mammals, 2,000 species of birds, 500 species of reptiles, and 30,000 species of insects of which 18.4 per cent are endemic and 10.8 per cent are threatened. India is the home to at least 18,664 species of vascular plants, of which 26.8 per cent are endemic. With only 2.4 per cent of the total land area of the world, the known biological diversity of India contributes to about 8 per cent to the known global biological diversity.

It has been estimated that at least 10 per cent of the country's recorded wild flora, and ten percent of its wild fauna, are on the threatened list. It is also heartening to note that many of them are on the verge of extinction. The adverse effects of human impacts on biodiversity are increasing dramatically and threatening the foundation of sustainable development. The major problems associated with the biodiversity loss are the habitat fragmentation, due to human activities followed by the climate change, nitrogen loading and biotic exchanges.

The postage stamp is a true ambassador of human history, culture and civilization, because its form and function give it freedom of movement and the ability to transmit information all over world. The promotion of philatelic themes that deal with the natural beauties and richness of India, Department of Posts is responsible for issuing philatelic-postal items, in which images of the nature reserves, biosphere reserves, sanctuaries are found, especially animals and plants consider to be part of natural capital in turn, part of the cultural heritage. Department of Posts has been releasing series of stamps to propagate conservation and environment awareness among the people for protection of India's natural heritage. Young people can come into direct contact with the described philatelic pieces (postal stamps and first day covers), and thus can fully understand the importance of environmental protection and sustainable development.

Department of Posts had released first wildlife stamp in 1962 featuring One-horned Rhinoceros. In the next year 1963, five stamps were brought out, depicting the Indian Gaur (10 paise), the Red Panda (15 paise), the Indian Elephant (30 paise), the Bengal Tiger (50 paise) and the Asiatic Lion (one rupee).

The decision to bring out stamps on a particular subject is considered by the Philatelic Advisory Committee, consisting of some members of Parliament, philatelists and artists. Countries all over the



1962 Rhino First wildlife Stamp



1963 Gaur, Lion, Himalayan Panda, Indian elephant, Tiger

world issue two kinds of postal stamps. One is called ‘definitive series’, the printing of which is unlimited and is meant for day-to-day use. The other type of stamp is the ‘commemorative stamp’ of which only a limited number is printed. So collectors all over the world wait for these stamps of different subjects.

Definitive stamps of Natural Heritage:

Stamps in this series natural heritage, usually in monochrome, will be printed repeatedly. Quite a few wildlife subjects have also appeared in definitive series released by India Post different year, like the stamp of the Nilgiri Tahr, Chital, Tiger, Black Buck, Egret (*Ardea intermedia*), Saras Crane, Rose, Butterfly, Amaltaas golden shower, Paradise flycatcher, Smooth India otter, Leopard Cat, Afforestation.



India definitive stamps of Natural Heritage

National Animal of India:

Project Tiger was launched by the Government of India in the year 1973 to save the endangered species of tiger in the country. Starting from nine reserves in 1973, the number has grown to fifty in 2021. A total area of 71027.10 km² is covered by these Project Tiger areas. Tiger population increased from 1,411 to 2,967. The 50 tiger reserves in India are administered by the Project Tiger campaign under the National Tiger Conservation Authority. India Post has issued several stamps on the Royal Bengal tiger, the National animal of India: in 1963 in preservation of wildlife series, definitive issued in 1975, an issue in 1976 to mark the Jim Corbett Centenary, one issued in 1983 to mark 10 years of Project Tiger, the Sundarban National Biosphere Reserve (issued in 2000 wildlife definitive series), and the White Tiger of Rewa issued in 1987.



2000 Sunderban Biosphere Reserve 1975 Tiger Definitive stamps

1963 Tiger wildlife Series



1976 Jim Corbett Centenary

1983 Project Tiger

White Tiger Rewa 1987



In 2016 India post released two stamps and MS
Tadobha-Andhari National park with two tiger stamps

National Bird Peacock:

The Peacock (*Pavo cristatus* being the Scientific name of Peafowl) was declared the National Bird of our country. Based on the occurrence throughout the country, its identification with the common man, its uniqueness, cultural and heritage acceptability the Peacock was chosen the National Bird of India by the Government of India and a due notification was issued on 1st February 1963. India Post has issued Peacock stamps in 1973 and 2017.



The Wildlife Protection Act of 1972 recognized the importance of wildlife. In 1975, one of the best wildlife stamp series featuring the Indian Pitta, Black-headed Oriole, Western Dragon, and Monal Pheasant was released.

Natural World Heritage Sites:

UNESCO World Heritage Convention was established in 1972 for recognizing various sites of cultural and natural importance around the world. After the latest addition to the list of UNESCO World Heritage Sites, India now has 38 World Heritage Sites, which makes India the country with the sixth largest number of World Heritage Sites in the world.

Natural World Heritage Sites in India (As on December, 2020):

SI No.	Name of WH Site	State Location
1	Great Himalayan National Park Conservation Area	Himachal Pradesh
2	Western Ghats	Maharashtra, Goa, Karnataka, Tamil Nadu and Kerala
3	Nanda Devi and Valley of Flowers National Parks	Uttarakhand
4	Sundarbans National Park	West Bengal
5	Kaziranga National Park	Assam
6	Keoladeo National Park	Rajasthan
7	Manas Wildlife Sanctuary	Assam



In 1982 India Post issued four stamps depicting Himalayan Flowers *Meconopsis aculeata*, *Saussurea obvallata*, *Arisaema wallichianum*, *Inula grandiflora* which are rare flora.



2006 Himalayan Lakes Roop Kund, Tsomo Riri, Sela, Tsangu. Beautiful lakes is the Chandratul in Lahaul and Spiti District.



1996 Himalayan Ecology MS depicting *Capra falconeri* - *Ithaginis Ccuentus* - *Saussurea simpsoniana* - *Meconopsis horridula*.

India Post issued a set of five stamps and one miniature sheet containing all five stamps on 16 March 2020 on the subject of UNESCO World Heritage natural sites depicts wildlife found in those sites. They feature Nanda Devi and Valley of Flowers National Parks, Western Ghats, Manas Wildlife Sanctuary, Great Himalayan National Park on the stamps denominated Rs.5 or Rs.12.



Natural World Heritage sites of India on stamps MS

Biosphere Reserve

Biosphere reserves are sites established by countries and recognized under UNESCO's Man and the Biosphere (MAB) Programme to promote sustainable development based on local community efforts and sound science. The program of Biosphere Reserve was initiated by UNESCO in 1971. The purpose of the formation of the biosphere reserve is to conserve in situ all forms of life, along with its support system, in its totality, so that it could serve as a referral system for monitoring and evaluating changes in natural ecosystems. Presently, there are 18 notified biosphere reserves in India. Biodiversity hotspots are the Himalayas, Indo Burma, Sundaland, and the Western Ghats. 1996 India Post has released four stamps issued on Himalayan Ecology depicting *Capra falconeri*, *Ithaginis cruentus*, *Saussurea simpsoniana*, *Meconopsis horridula*, a flora and fauna MS.

[To be continued]



BOTANY

Editor

Christopher E. Dahle BU 1269



Scott #	Denom	Common Name	Botanical Name	Family	Code
ANDORRA (French Admin.)					
844	€1.50	Alder, <i>Alnus glutinosa</i>	2021 November 5	Single Betulaceae	Fl Fr V T A
ARUBA					
668	850c	Fofoti tree, <i>Conocarpus erectus</i>	2021 October 14	SS/1 Combretaceae	T A SS
669	90c	Hands planting unidentified plant	2021 November 16 (Agriculture)	Set/4	V A U
670	220c	Tomato plants, <i>Lycopersicon esculentum</i>		Solanaceae	V A
671	320c	Coconut palm, <i>Cocos nucifera</i>		Arecaceae	T A
		Watermelons, <i>Citrullus lanatus</i>		Cucurbitaceae	Fr A
672	420c	Woman picking fruit			Fr B U
BELGIUM					
			2021 June 14 (Tree fruits)	Set/10	
2945	1 (€1.07)	Chestnut, <i>Castanea sativa</i>		Fagaceae	Fr A
2946	1 (€1.07)	Linden, <i>Tilia cordata</i>		Malvaceae	Fr A
2947	1 (€1.07)	Japanese larch, <i>Larix kaempferi</i>		Pinaceae	Fr A
2948	1 (€1.07)	Beech, <i>Fagus sylvatica</i>		Fagaceae	Fr A
2949	1 (€1.07)	Scots pine, <i>Pinus sylvestris</i>		Pinaceae	Fr A
2950	1 (€1.07)	Oak, <i>Quercus robur</i>		Fagaceae	Fr A
2951	1 (€1.07)	Hazel, <i>Corylus avellana</i>		Betulaceae	Fr A
2952	1 (€1.07)	Sycamore maple, <i>Acer platanoides</i>		Sapindaceae	Fr A
2953	1 (€1.07)	Walnut, <i>Juglans regia</i>		Juglandaceae	Fr A
2954	1 (€1.07)	Plane tree, <i>Platanus x acerifolia</i>		Platanaceae	Fr A
2954a		Vert coil strip of 10			
BULGARIA					
			2021 November 24 (Carvaggio 450y: Ptg "Basket of Fruit")	SS/1	
4992	3l	Apple, <i>Malus x domestica</i>		Rosaceae	Fr B SS
		Pear, <i>Pyrus communis</i>		Rosaceae	Fr B SS
		Peach, <i>Prunus persica</i>		Rosaceae	Fr B SS
		Grapes, <i>Vitis vinifera</i>		Vitaceae	Fr B SS
		Figs, <i>Ficus carica</i>		Moraceae	Fr B SS
			2021 November 24	SS/1	
4993	3l	Sundew, <i>Drosera rotundifolia</i>		Droseraceae	V A SS
		Waterwheel plant, <i>Aldrovanda vesiculosa</i>		Droseraceae	V A SS Z
		Balkan butterwort, <i>Pinguicula balcanica</i>		Lentibulariaceae	V A SS Z
		Bladderwort, <i>Utricularia vulgaris</i>		Lentibulariaceae	V A SS Z
CHINA (TAIWAN)					
			2021 September 10 (Taiwan Scenery, Taoyuan City)	Set/4	
4609	\$20	Giant trees on Laila Mountain, <i>Chamaecyparis formosensis</i>		Cupressaceae	T A
			2021 September 29 (Ptg: Early Spring)	SS/1	
4611	\$35	Unidentified tree			T A U
CHINA, PEOPLE'S REPUBLIC					
			2021 May 19 (Landscapes)	Set/6	
4802	\$1.20	Saihandba National Forest park			T B U

COLOMBIA		2021 January 20	(National Parks)	Set/10
1561	Sheet of 10			
1561a	200p <i>Begonia killipiana</i>		Begoniaceae	Fl A
1561d	200p Mangrove trees			T A U
		2021 November 13	(10th Festival of Flowers, Cundinamarca Dept.)	Set/4
1586	Sheet of 4 Unidentified flowers			Fl B U
COSTA RICA		2021 July 13	(Independence type of 2017)	Set/3
725a	6100col Guaria Morada, <i>Guarianthe skinneri</i>		Orchidaceae	Fl A MS
725b	720col <i>Enterolobium cyclocarpum</i>		Orchidaceae	Fl A MS
725c	885col Coffee, <i>Coffea arabica</i>		Rubiaceae	Fr A MS
DJIBOUTI		2021 August 9	(Paintings by August Cezanne)	Set/4, SS/1
2483b	250fr Ptg: "Still Life with Fruit and a Pot of Ginger" Unidentified fruit			Fr A U MS
		2021 August 9	(Orchids)	Set/3, SS/1
2504a	330fr <i>Laelia x Cattleya</i> hybrid		Orchidaceae	Fl A MS
2504b	330fr <i>Paphiopedilum</i> 'Rosy Dawn'		Orchidaceae	Fl A MS
2504c	330fr <i>Cattleya bicolor brasiliensis</i>		Orchidaceae	Fl A MS
2516	1000fr <i>Epicattleya kyoguchi</i>		Orchidaceae	Fl A SS
	<i>Cymbidium tigrinum</i> x <i>Cymbidium devonianum</i>		Orchidaceae	Fl A SS Z
		2021 August 30	(Fruits and Vegetables)	Set/3, SS/1
2535a	330fr Oranges, <i>Citrus sissensis</i>		Rutaceae	Fr A MS
2535b	330fr Radish, <i>Raphanus raphanistrum subsp. sativus</i>		Brassicaceae	Fr A MS
2535c	330fr Plum, <i>Prunus domestica</i>		Rosaceae	Fr A MS
2546	1000fr Onion, <i>Allium cepa</i>		Amaryllidaceae	Fr A SS
ESTONIA		2021 May 20	(Seed attached to stamp)	Single
951	€4.00 Poppy, <i>Papaver rhoeas</i>		Papaveraceae	Fl A
FIJI		2020 January 17	(Year of the Rat)	Set/4
1430	40c Rat and pineapple, <i>Ananas comosus</i>		Bromeliaceae	Fr B
1431	90c Rat and mangos, <i>Mangifera indica</i>		Anacardiaceae	Fr B
1432	\$1.10 Rat and coconut, <i>Cocos nucifera</i>		Arecaceae	Fr B
1433	\$15 Rat and bamboo		Poaceae	Fr B
FINLAND		2021 January 20	(Flowers)	Horiz pair
1633	Pair			
1633a	Narcissus, <i>Narcissus tazetta</i>		Amaryllidaceae	Fl B
	Tulip, <i>Tulipa x hybrida</i>		Liliaceae	Fl B
	Hyacinth, <i>Hyacinthus orientalis</i>		Asparagaceae	Fl B
	Lily, <i>Lilium sp.</i>		Liliaceae	Fl B
1633b	Coreopsis, <i>Coreopsis lanceolata</i>		Asteraceae	Fl B
	Peony, <i>Paeonia officinalis</i>		Paeoniaceae	Fl B
	Gerbera, <i>Gerbera x hybrida</i>		Asteraceae	Fl B
	Unidentified flowers			Fl B U
		2021 September 8	(Autumnal Landscapes)	Set/5
1640	Sheet of 5			
1640a	€1.85 Wheat field at sunset, <i>Triticum vulgare</i>		Poaceae	V A
1640c	€1.85 Birch trees along dirt road, <i>Betula pendula</i>		Betulaceae	T A
1640d	€1.85 Boat ramp and lake, trees			T B U
1640e	€1.85 Forest with sun			T B U

FRANCE		2021 July 9 (Tourist Attractions)	Set/12	
6070	(€1.08)	Fontainebleau forest		T A U
6079a		Booklet pane of 12 #6068-79		
		2021 September 17 (The Earth and Man: The earth feeds us, protect it)	Set/4	
6094	Sheet of 4	Apple tree, <i>Malus domestica</i>	Rosaceae	Fr T MS Z
6094a	(€1.08)	Apple tree, <i>Malus domestica</i>	Rosaceae	Fr T A MS
6094b	(€1.08)	Apples, <i>Malus domestica</i>	Rosaceae	Fr A MS
		Lettuce, <i>Lactuca sativa</i>	Asteraceae	V A MS
		Pears, <i>Pyrus comunis</i>	Rosaceae	Fr A MS
6094d	(€1.08)	Sunflowers, <i>Helianthus annuus</i>	Asteraceae	Fl B MS
GERMANY		2021 December 2	Set/4, perf 13 3/4	
3250	5c	Water lily with petals in shape of envelopes, <i>Nymphaea alba</i>	Nymphaeaceae	Fl A
		2021 December 2	Set/4, SA die cut 10	
3255	5c	Water lily with petals in shape of envelopes, <i>Nymphaea alba</i>	Nymphaeaceae	Fl A
3255a		Booklet pane of 10		
		2022 January 3 (Flower type of 2005)	Set/2, perf 14	
3260	32c	Snowdrops, <i>Galanthus nivalis</i>	Amoryllidaceae	Fl A
3261	37c	Red clover, <i>Trifolium pratense</i>	Fabaceae	Fl A
		2022 January 3 (Flower type of 2005)	Set/2, SA Die cut 10	
3262	32c	Snowdrops, <i>Galanthus nivalis</i>	Amoryllidaceae	Fl A
3263	37c	Red clover, <i>Trifolium pratense</i>	Fabaceae	Fl A
GREAT BRITAIN				
Guernsey		2021 November 11 (Royal British Legion 100y)	Single	
1602	£1.00	Poppies, <i>Papver rhoeas</i>	Papaveraceae	Fl B
1602a		Souvenir sheet of 4		
Jersey		2021 October 5 (Brewing in Jersey 150y)	Set/6, SS/1	
2455	54p	Hops, <i>Humujlus lupulus</i>	Cannabaceae	Fl A
		Grains for malting, barley, <i>Hordeum vulgare</i>	Poaceae	Fr A
GREENLAND		2021 September 17 (Arctic Council 25y)	Single	
878	25k	Wreath of flowers		Fl A U
HONG KONG		2021 November 16 (Endemic Flowers)	Set/6, SS/6	
2194	\$2.00	Hong Kong camellia, <i>Camellia hongkongensis</i>	Theaceae	Fl A
2195	\$2.60	Hong Kong azalea, <i>Rhododendron hongkongense</i>	Ericaceae	Fl A
2196	\$3.40	Hong Kong primrose, <i>Lysimachia alpestris</i>	Primulaceae	Fl A
2197	\$3.70	Hong Kong thismia, <i>Thismia hongkongensis</i>	Burmanniaceae	Fl A
2198	\$4.90	Hong Kong hornbeam, <i>Carpinus insularis</i>	Betulaceae	Fl A
2199	\$5.00	Hong Kong balsam, <i>Impatiens hongkongensis</i>	Balsamaceae	Fl A
2199a		Souvenir sheet of 6		
IRAN		2021 (Nowruz)	Set/6	
3225		Sheet of 6, 3225a to 3225f		Fl A U
JAPAN		2021 April 1 (Hospitality Flowers Series 16)	Set/10	
4484		Sheet of 10		
4484a	¥63	Hostas, <i>Hosta sp.</i>	Asparagaceae	Fl A
4484b	¥63	Sunflowers, <i>Helianthus annuus</i>	Asteraceae	Fl A
4484c	¥63	Blue passionflowers, <i>Passiflora caerulea</i>	Passifloraceae	Fl A
4484d	¥63	Hydrangeas, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A
		Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A
4484e	¥63	Gloriosas, <i>Gloriosa superba</i>	Colchicaceae	Fl A

JAPAN (continued)

4485	Sheet of 10		
4485a	¥84 Jasmine, <i>Jasminum officinale</i>	Oleaceae	Fl A
4485b	¥84 Marigolds, <i>Tagetes erecta</i>	Asteraceae	Fl A
4485c	¥84 Delphiniums, <i>Delphinium x hybridum</i>	Ranunculaceae	Fl A
	Carnations, <i>Dianthus caryophyllus</i>	Caryophyllaceae	Fl A
4485d	¥84 Peonies, <i>Paeonia officinalis</i>	Paeoniaceae	Fl A
4485e	¥84 Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A
	2021 April 13 (Flower type of 2015, 2019 [see Vol.69(2) & Vol.64(2)] with security overprint) Set/5		
4486	¥94 Violets, <i>Viola sp.</i>	Violaceae	Fl A
4487	¥100 Japanese primrose, <i>Primula sieboldii</i>	Primulaceae	Fl A
4488	¥120 Japanese wisteria, <i>Wisteria floribunda</i>	Fabaceae	Fl A
4489	¥140 <i>Kerria japonica</i>	Rosaceae	Fl A
	2021 May 10 (Flora & Fauna, Lake Towada & Oirase Gorge) Set/10		
4497	Sheet of 10		
4497e	¥84 Flaccid anemone, <i>Anemone flaccida</i>	Ranunculaceae	Fl A MS
4497g	¥84 <i>Anemone pseudoaltaica</i>	Ranunculaceae	Fl A MS
4497h	¥84 River and feather moss		V B U MS
	2021 May 17 (Greetings – Life with Flowers) Set/20		
4498	Sheet of 10		
4498a	¥63 White gerberas, <i>Gerbera x hybrida</i>	Asteraceae	Fl A MS
4498b	¥63 Ox-eye daisies, <i>Osteospermum sp.</i>	Asteraceae	Fl A MS
4498c	¥63 Calla lilies, <i>Zantedeschia aethiopica</i>	Araceae	Fl A MS
4498d	¥63 Unidentified plants		Fl A U MS
4498e	¥63 White roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A MS
4498f	¥63 Same species	Rosaceae	Fl A MS
4498g	¥63 Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A MS
4498h	¥63 Unidentified flowers		Fl A U MS
4498i	¥63 Hydrangeas, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A MS
4498j	¥63 Unidentified plants		V A U MS
4499	Sheet of 10		
4499a	¥84 Hydrangeas, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A MS
4499b	¥84 Unidentified flowers		Fl A U MS
4499c	¥84 Globe thistle, <i>Echinops ritro</i>	Asteraceae	Fl A MS
4499d	¥84 Cornflower, <i>Centaurea cyanus</i>	Asteraceae	Fl A MS
4499e	¥84 Forget-me-nots, <i>Myositis scorpioides</i>	Boraginaceae	Fl B MS
	Love-in-a-mist, <i>Nigella damascena</i>	Ranunculaceae	Fl B MS
4499f	¥84 Ivy, <i>Hedera helix</i>	Araliaceae	V A MS
4499g	¥84 Hydrangeas, <i>Hydrangea macrophylla</i>	Hydrangeaceae	Fl A MS
4499h	¥84 Unidentified flowers		Fl A U MS
4499i	¥84 Grape hyacinth, <i>Muscari sp.</i>	Asparagaceae	Fl A MS
4499j	¥84 Unidentified plants		V A U MS
	2021 May 26 (National Afforestation) Set/5		
4502	¥84 Japanese umbrella pine, <i>Sciadopitys verticillata</i>	Sciadopityaceae	Fl Fr A MS
	Japanese cedar, <i>Cryptomeria japonica</i>	Cupressaceae	Fl Fr A MS
4503	¥84 Red pine, <i>Pinus densiflora</i>	Pinaceae	Fl Fr A MS
	Walnut, <i>Juglans regia</i>	Juglandaceae	Fl Fr A MS
4504	¥84 Camellia, <i>Camellia japonica</i>	Theaceae	Fl A MS
4505	¥84 Black pine, <i>Pinus thunbergii</i>	Pinaceae	Fl Fr A MS
	Enoki, <i>Celtis sinensis</i>	Cannabaceae	Fl Fr A MS

JAPAN (continued)

4506	¥84	Azalea, <i>Rhododendron sp.</i>	Ericaceae	Fl Fr A MS
		Flowering cherry, <i>Prunus serrulata</i>	Rosaceae	Fl Fr A MS
4506a		Vert strip of 5		
2021 June 1 (Greetings– Summer)			Set/10	
4507		Sheet of 10 Bird-of-paradise, <i>Strelitzia reginae</i>	Strelitziaceae	Fl A MS Z
		Split-leaf philodendron, <i>Monstera deliciosa</i>	Araceae	V A MS Z
4507c	¥63	Prickly pear cactus, <i>Opuntia sp.</i>	Cactaceae	V A MS
		Barrell cactus, <i>Astrophytum sp.</i>	Cactaceae	V A MS
4507i	¥63	Avocado, <i>Persea americana</i>	Lauraceae	Fr A MS
		Tomato, <i>Lycopersicon esculentum</i>	Solanaceae	Fr A MS
		Banana, <i>Musa x paraddisiaca</i>	Musaceae	Fr A MS
4507j	¥63	Lemon, <i>Citrus limon</i>	Rutaceae	Fr A MS
4508		Sheet of 10 Morning glory, <i>Ipomoea purpurea</i>	Convolvulaceae	Fl A MS Z
4508c	¥84	Bitter melon, <i>Momordica charantia</i>	Cucurbitaceae	Fr A MS
4508d	¥84	Aquarium plants, <i>Elodea sp.</i>	Alismatales	V B MS
4508e	¥84	Watermelon, <i>Citrullus lanatus</i>	Cucurbitaceae	Fr A MS
4508f	¥84	Green plums, <i>Prunus domestica</i>	Rosaceae	Fr A MS
4508g	¥84	Ginger, <i>Zingiber officinale</i>	Zingiberaceae	V A MS
		Perilla leaves, <i>Perilla frutescens</i>	Lamiaceae	V A MS
		Japanese ginger, <i>Zingiber mioga</i>	Zingiberaceae	V A MS
4508j	¥84	Soy beans, <i>Glycine max</i>	Fabaceae	Fr A MS
		Corn, <i>Zea mays</i>	Poaceae	Fr A MS
2021 August 16 (Autumn Greetings)			Set/10	
4529		Sheet of 10		
4529a-e	¥63	Roses and unidentified flowers, <i>Rosa x hybrida</i>	Rosaceae	Fl A
4530		Sheet of 10		
4530a-e	¥84	Roses and unidentified flowers, <i>Rosa x hybrida</i>	Rosaceae	Fl A
2021 September 22			Set/10	
4539		Sheet of 10		
4539a-e	¥63	Stylized flowers		Fl A S
4540		Sheet of 10		
4540a-e	¥84	Stylized flowers		Fl A S
2021 October 8 (Intl Letter Writing Week)			Set/5	
4545	¥70	Marvel-of-Peru, <i>Mirabilis jalapa</i>	Nyctaginaceae	Fl A
2021 October 13 (Natural Landscapes Series No.1)			Set/10	
4551		Sheet of 10		
4551c	¥84	Papmas grass, <i>Cortaderia selloana</i>	Poaceae	V A MS
4551d	¥84	Cosmos, <i>Cosmos bipinnatus</i>	Asteraceae	Fl A MS
2021 October 20 (Hospitality Flowers Series 17)			Set/10	
4552		Sheet of 10		
4552a	¥63	Plum blossoms, <i>Prunus mume</i>	Rosaceae	Fl A
4552b	¥63	Chrysanthemums, <i>Chrysanthemum x morifolium</i>	Asteraceae	Fl A
4552c	¥63	Camellias, <i>Camellia japonica</i>	Theaceae	Fl A
4552d	¥63	Narcissus, <i>Narcissus tazetta</i>	Amaryllidaceae	Fl A
4552e	¥63	Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A
4553		Sheet of 10		
4553a	¥84	Violets, <i>Viola sp.</i>	Violaceae	Fl A
4553b	¥84	Cyclamen, <i>Cyclamen persicum</i>	Primulaceae	Fl A
4553c	¥84	Mitsumata blossoms, <i>Edgeworthia chrysantha</i>	Thymelaeaceae	Fl A

JAPAN (continued)

4553d	¥84	Poinsettias, <i>Euphorbia pulcherrima</i>	Euphorbiaceae	Fl A
4553e	¥84	Roses, <i>Rosa x hybrida</i>	Rosaceae	Fl A

KAZAKHSTAN		2021 November 26 (Flora & Fauna of Altyn-Emel Biosphere Reserve)		SS/3
965c	600te	<i>Paeonia tenuifolia</i>	Paeoniaceae	Fl A SS

KOREA (SOUTH) **2021 November 10** (Medicinal Plants) Set/4

2611		Block or strip of 4		
2611a	430w	Honeysuckle, <i>Lonicera japonica</i>	Caprifoliaceae	Fl A
2611b	430w	Giant Angelica, <i>Angelica gigas</i>	Apiaceae	Fl A
2611c	430w	Horny goat weed, <i>Epimedium koreanum</i>	Berberidaceae	Fl A
2611d	430w	Chinese motherwort, <i>Leonurus macranthus</i> (=japonicus)	Lamiaceae	Fl A

KYRGYZSTAN **2020 March 23** (Pomegranates) Set/6

626		Sheet of 6		
626a	20s	Pomegranate flower, <i>Punica granatum</i>	Punicaceae	Fl A MS Z
626b	26s	Fruit on tree, Same species	Punicaceae	T A MS
626c	36s	Juice and seeds, Same species	Punicaceae	Fr A MS
626d	46s	Split fruit, Same species	Punicaceae	Fr A MS
626e	76s	Split fruit, Same species	Punicaceae	Fr A MS Z
626f	98s	Tree, Same species	Punicaceae	T A MS Z

2020 November 27 (Medicinal Plants) Set/3

641	33s	Rose hips, <i>Rosa sp.</i>	Rosaceae	Fl Fr A
642	39s	Hawthorn, <i>Crataegus sp.</i>	Rosaceae	Fl Fr A
643	143s	Barberry, <i>Berberis vulgaris</i>	Berberidaceae	Fl Fr A

LATVIA **2021 October 1** Single

1084	€1	Rose, <i>Rosa x hybrida</i>	Rosaceae	Fl A
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LIBERIA **2020 October 26** (Orchids) Set/4, SS/1

3498a	\$300	<i>Paphiopedilum lawrenceanum</i>	Orchidaceae	Fl A MS
3498b	\$#00	<i>Cymbidium aloifolium</i>	Orchidaceae	Fl A MS
3498c	\$300	<i>Dendrobium kingianum</i>	Orchidaceae	Fl A MS
3498d	\$300	<i>Cattleya labiata</i>	Orchidaceae	Fl A MS
3512	#1200	<i>Rhynchostylis gigantea</i>	Orchidaceae	Fl A SS
		In margin: <i>Vanda coerulea</i>	Orchidaceae	Fl A MS Z
		<i>Spathoglottis plicata</i>	Orchidaceae	Fl A MS Z

2020 November 30 (Int Year Plant Health) Set/4, SS/1

3586a	\$300	Watering sprout in test tube		V A U MS
3586b	\$300	Wheat, <i>Triticum aestivum</i>	Poaceae	Fr A MS
3586c	\$300	Unidentified seedling		V A U MS
3586d	\$300	Syringe in tomato, <i>Lycopersicon esculentum</i>	Solanaceae	Fr A MS
3620	\$1200	Unidentified seedling in petri dish		V A U MS
3621	\$1200	Unidentified seedling		V A U MS

MALAYSIA **2020 July 9** (Wild Flowers) Set/3, SS/1

1860	60c	Indian rhododendron, <i>Melastoma malabathricum</i>	Melastomaceae	Fl A
1861	\$1.31	Chinese violet, <i>Asystasia gangetica</i>	Acanthaceae	Fl A
1862	\$1.60	Coatbuttons, <i>Tridax procumbens</i>	Asteraceae	Fl A
1863	\$5.00	<i>Dillenia suffruticosa</i>	Dilleniaceae	Fl A

MALAYSIA (continued)

			2020 December 29 (Tallest Angiosperm)	Single, SS/1
1869	90c	Seed and Yellow Meranti tree, <i>Shorea faguettiana</i>	Dipterocarpaceae	Fr T A
1870	\$8	Same species		T A SS Z
			2021 August 19 (Durian Cultivars)	Set/4, SS/1
1880		Horiz strip of 4		
1880a	60c	Buluh Bawah, <i>Durio zibethinus</i> 'Buluh Bawaah'	Malvaceae	Fr A
1880b	60c	Duri Hitam, <i>Durio zibethinus</i> 'Duri Hitam'	Malvaceae	Fr A
1880c	60c	Durian Kampung, <i>Durio zibethinus</i> 'Durian Kampung'	Malvaceae	Fr A
1881d	60c	Durian Dalit, <i>Durio graveolens</i> 'Durian Dalit'	Malvaceae	Fr A
1881	\$5.00	Raja kinyit, <i>Durio zibethinus</i> 'Raja kunyit'	Malvaceae	Fr A SS

MEXICO

			2020 December 7 (Crops)	Block/4, MS/4
3191		Block of 4		
3191a	7p	"Sangre toro" beans, <i>Phaseolus vulgaris</i> 'Sangre toro'	Fabaceae	Fr A
3191b	11.50p	Prickly pear, <i>Opuntia ficus-indica</i>	Cactaceae	Fr A
3191c	13.50p	"Serrano" peppers, <i>Capsicum annuum</i> 'Serrano'	Solanaceae	Fr A
3191d	15p	Amaranth, <i>Amaranthus hypochondriacus</i>	Amaranthaceae	Fr A
3192		Sheet of 4		
3192a	7p	"Sangre toro" beans, <i>Phaseolus vulgaris</i> 'Sangre toro'	Fabaceae	Fr A MS
3192b	11.50p	Prickly pear, <i>Opuntia ficus-indica</i>	Cactaceae	Fr A MS
3192c	13.50p	"Serrano" peppers, <i>Capsicum annuum</i> 'Serrano'	Solanaceae	Fr A MS
3192d	15p	Amaranth, <i>Amaranthus hypochondriacus</i>	Amaranthaceae	Fr A MS

NAMIBIA

			2005 (Scott #855 surcharged)	Single
1071A	(\$1.70)	on 20c <i>Bauhinia petersiana</i>	Fabaceae	Fl A
			2021 July 14 (Barleria species)	Set/4
1410	(\$9.50)	<i>Barleria craveniae</i>	Acanthaceae	Fl A
1411	(\$9.50)	<i>Barleria damarensis</i>	Acanthaceae	Fl A
1412	(\$34.80)	<i>Barleria jubata</i>	Acanthaceae	Fl A
1413	(\$39.90)	<i>Barleria conacea</i> subsp. <i>dinteri</i>	Acanthaceae	Fl A

PARAGUAY

			2021 July 15 (Tereré drink, UNESCO Intangible Heritage)	Single
3140	10,000g	Drink made from maté using ice, <i>Ilex paraguariensis</i>	Aquifoliaceae	V B U

SERBIA

			2021 November 26 (Christmas)	Set/2
989	30d	Straw ornament, <i>Triticum aestivum</i>	Poaceae	Fr A

SRI LANKA

			2021 July 27 (Diplomatic Relations with Singapore, 50y)	Set/2
2274	45r	Mangroves in Singapore		T A U

SURINAM

			2021 November 3 (Fruit)	Set/6
1635		Block of 6		
1635a	\$27	Achiote, <i>Bixa orellana</i>	Bixaceae	Fr A
1635b	\$28	Natal plum, <i>Carissa macrocarpa</i>	Apocynaceae	Fr A
1635c	\$29	Clammy cherry, <i>Cordia collococca</i>	Boraginaceae	Fr A
1635d	\$30	Calabash tree, <i>Crescentia cujete</i>	Bignoniaceae	Fr A
1635e	\$35	Durian, <i>Durio zibethinus</i>	Malvaceae	Fr A
1635f	B (\$51)	Baobab fruit, <i>Adansonia digitata</i>	Malvaceae	Fr A

SWEDEN

			2021 August 26 (Summer flower arrangements)	Set/5
2877	12k			
2878		Horiz strip of 5 Unidentified flowers		Fl A U
2878f		Booklet pane of 10		

SWEDEN (continued)

			2021 November 11 (Christmas gnomes in stylized tree)	Set/11
2882	Booklet pane of 10	Apples, <i>Malus domestica</i>	Rosaceae	Fr B MS

UNITED NATIONS

			2022 March 18 (Endangered Species)	Set/4
692	€1	Night-blooming cereus, <i>Hylocereus trigonus</i> (= <i>triangularis</i>)	Cactaceae	Fl A
693	€1	Spanish cedar, <i>Cedrela odorata</i>	Meliaceae	Fl A
694	€1	Barbed-wire cactus, <i>Acanthocereus tetragonus</i>	Cactaceae	T A

UNITED STATES

			2022 February 1 (Butterfly Garden Flowers)	Set/2
5664	(5c)	Cosmos, <i>Cosmos bipinnata</i>	Asteraceae	Fl A
5665	(5c)	Scabiosas, <i>Scabiosa atropurpurea</i>	Caprifoliaceae	Fl A
			2022 March 14 (Mountain Flowers)	Set/4 SA coil die cut 10
5672	(58c)	Wood lily, <i>Lilium philadelphicus</i>	Liliaceae	Fl A
5673	(58c)	Alpine buttercup, <i>Ranunculus adoneus</i>	Ranunculaceae	Fl A
5674	(58c)	Wood's rose, <i>Rosa woodsii</i>	Rosaceae	Fl A
5675	(58c)	Pasque flower, <i>Anemone patens</i>	Ranunculaceae	Fl A
5675a		Coil strip of 4		
			2022 March 14 (Mountain Flowers)	Set/4 SA die cut 10¾
5676	(58c)	Wood lily, <i>Lilium philadelphicus</i>	Liliaceae	Fl A
5677	(58c)	Alpine buttercup, <i>Ranunculus adoneus</i>	Ranunculaceae	Fl A
5678	(58c)	Wood's rose, <i>Rosa woodsii</i>	Rosaceae	Fl A
5679	(58c)	Pasque flower, <i>Anemone patens</i>	Ranunculaceae	Fl A
5679a		Block of 4		
5679b		Booklet pane of 20		
			2022 March 14	Single
5680	(\$1.30)	African daisy, <i>Osteospermum sp.</i>	Asteraceae	Fl A
			2022 March 24	Set/2
5681	(58c)	Tulips, <i>Tulipa x hybrida</i>	Liliaceae	Fl A
5682	(78c)	Irises, <i>Iris sp.</i>	Iridaceae	Fl A
		Dahlias, <i>Dahlia x hybrida</i>	Asteraceae	Fl A
		Coneflowers, <i>Rudbeckia sp.</i>	Asteraceae	Fl A

**ANIMALS; DOGS & CATS; HORSES; INSECTS; BUGS BUTTERFLIES;
 MALARIA; FLOWERS & PLANTS; ORCHIDS MUSHROOMS; MARINE
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New Plants in the Philatelic Herbarium

By Christopher E. Dahle, BU 1269



carnivorous plants in the margin. Designed by Borislava Karadjova. Perforated 13x13¼. Printed by offset in a quantity of 5,100.

Pinguicula balcanica

LENTIBULARIACEAE

Common name: Balkan butterwort
Perennial carnivorous plant, with 5-9 basal leaves forming a rosette. Leaves ovate 20-30 mm by 15-20 mm wide with bright green glands. Inflorescence 4-5 cm with blue-violet flowers May to August. Found in bogs and peaty stream banks in subalpine and alpine areas 1700-22400 m in Southeastern Europe, Albania, Macedonia and Bulgaria.

Bulgaria Scott #4993. Issued on 24 November 2021 in a souvenir sheet of carnivorous plants featuring a stamp with a sundew, and other



Hong Kong Scott #2194. Issued on 16 November 2021 in the series of 6 stamps of Endemic Flowers. Designed by Chau Ho-sing.

Camellia hongkongensis THEACEAE

Common name: Hong Kong camellia

Synonym: *Thea hongkonensis*

Shrub or tree 2-10 m. Leaves oblong or oblong-elliptic 6-12.5 cm by 2-4 cm, leathery, shiny. Flowers subterminal, solitary, red 3 cm diameter. Endemic to Hong Kong.



Rhododendron hongkongense ERICACEAE

Shrub 1-2 m, many branched. Leaves leathery, elliptic, 2.5-6.5 by 1.5-2.3 cm. Flowers solitary in axils, white with violet to red-purple spots on upper lobes, in March-April. Endemic to Hong Kong in forests and ravines by streams.

Hong Kong Scott #2195. Issued 16 November 2021 in the series of 6 stamps of Endemic Flowers.



Lysimachia alpestris PRIMULACEAE

Common name: Hong Kong primrose, Hong Kong loosestrife

Perennial herb covered with coarse hairs. Stem 1-4 cm with leaves forming a rosette-like cluster. Leaves spatulate 3-6 cm by 6-15 mm, apex rounded with pointed tip. Flowers solitary, yellow April -May. Grow in secondary forest on hillslopes 80-800 m. Endemic to Hong Kong.

Hong Kong Scott #2196. Issued 16 November 2021 in the series of 6 stamps of Endemic Flowers.



Thismia hongkongensis BURMANNIACEAE

Common name: Hong Kong thismia

First described in 2015. Herbaceous mycoheterotroph lacking chlorophyll and obtaining nutrients from fungal symbionts. Emerge from ground after heavy rain. Stem 1.7 cm. Leaves white, scale-like, 3-5.5 mm by 1.7-2 mm. Bear up to 3 pinkish-white flowers with red ribs May to September. Grow in lowland secondary forest in one location in Tai Po Kau Nature Reserve.

Hong Kong 2197. Issued 16 November 2021 in the series of 6 stamps of Endemic Flowers.

Carpinus insularis BETULACEAE

Common name: Hong Kong hornbeam

First described in 2014. Shrub to 3 m. Leaves deciduous, ovate-lanceolate 4-6 cm by 1.5-2 cm. Fruiting bodies 3-4 cm with bracts. Ovoid nutlet 2.5-3.5 mm long 8-10-ribbed. Flowering time unknown. Grows in one locality in thickets on a steep slope at 190 m.

Hong Kong Scott #2198. Issued 16 November 2021 in the series of 6 stamps of Endemic Flowers.

***Impatiens hongkongensis*** BALSAMACEAE

Common name: Hong Kong balsam

Perennial herb to 60 cm. Leaves alternate, elliptic to elliptic-lanceolate, 8-11.5 cm by 2.5-5.5 cm. Inflorescence bears 4-7 yellow flowers with red or purplish blotches in October. Grow in ravines or stream banks 150 -210 m.

Hong Kong Scott #2199. Issued 16 November 2021 in the series of 6 stamps of Endemic Flowers.

***Anemone flaccida*** RANUNCULACEAE

Common name: Flaccid anemone

Synonyms: 13

Rhizomatous herb to 10 cm. Leaves solitary on rhizome, leafblade trisected, reniform to pentagonal, 3.5-8 by 6-10 cm. Inflorescence bears 2-3 white, yellowish, pink or reddish purple flowers in April to August. Found in forest and stream banks in shady grassy locations 400-3,000 m in Japan, China, and far eastern Russia.

Japan Scott # 4497e. Issued on 10 May 2021 in a minisheet of 10 featuring the Flora and Fauna of Lake Towada and Oirase Gorge. Designed by Satoshi Maruyama.

***Anemone pseudoaltaica*** RANUNCULACEAE

Synonyms: *Anemone pseudoaltaica* f. *prolifera*, *A. pseudoaltaica* var. *gracilis*, *A. pseudoaltaica* var. *katonis*, *Anemonoides pseudoaltaica*

Herbaceous perennial 10-30 cm. Leaves tri-lobed, deeply pinnate. Flowers white to pale purple, 2.5-4 cm in March to late May. Grow in clusters on forest floor

Japan Scott #4497g. Issued on 10 May 2021 in a minisheet of 10 featuring the Flora and Fauna of Lake Towada and Oirase Gorge.

***Angelica gigas*** APIACEAE

Common name: Giant angelica, Korean angelica, purple parsnip

Stout perennial 1-2 m. Ribbed stem purplish. Basal leaves with petiole 30-45 cm, 2-23 times pinnate, 20-40 cm long, 20-30 cm broad. Upper leaves purple-green. Flower is purple umbel 5-8 cm diameter, petals dark red, appear July-August. Used as sedative and tonic. Grows in rich soil in mountain valleys, 600-700 m, in China, Japan and Korea.

South Korea Scott #2611b. Issued 10 November 2021 in a series of 4 designs of Medicinal Plants. Designed by Ji-hyemong Ryu. Printed by POSA in a minisheet of 12. Perforated 13x13¼

***Epimedium koreanum*** BERBERIDACEAE

Common name: Horny goat weed

Synonyms: 10

Herbaceous, evergreen perennial, 15-40 cm. Leaves basal and caulate, biternate with 9 leaves. Inflorescence 10-15 cm and 4-16 flowered. Outer sepals reddish 4-5 mm, yellow-white petals longer, appear April-May. Used in Korean and Chinese medicine to treat a variety of diseases. Found in forests and thickets in mountain valleys 400-1500 m, in Korea, Japan and China.

South Korea Scott #2611c issued 10 November 2021 in the Medicinal Plants minisheets of 12.



***Leonurus macranthus*** LAMIACEAE

Common name: Chinese motherwort,

Synonyms: *Leonurus japonicus*, *Leonurus macranthus* var. *villosissimus*

Rhizomatous biennial. Stem erect, 60-120 cm. Lower leaves cordate-orbicular 7-12 by 6-9 cm. Upper leaves lanceolate. Floral leaves 7 cm. Flowers violet-red, 2.5-2.8 cm, from July to October. Grows on grassy slopes 0-400 m. Found in Korea, China, Japan and Russia.

South Korea Scott #2611d. Issued 10 November 2021 in the Medicinal Plants minisheets of 12.

***Edgeworthia tomentosa*** THYMELAEACEAE

Common name: Mitsumata, oriental paper bush

Synonyms: *Daphne papyracia*, *D. papyrifera*, *Edgeworthia chrysantha*, *E. papyrifera*, *Magnolia sericea*, *M. tomentosa*, *Yulania tomentosa*

Shrub 0.7-1.5 m, deciduous. Leaves alternate, dark green, oblong-lanceolate, 8-13 x 2-5 cm. Flowers fragrant. Tubular yellow flowers 1.5 cm long, have silky white exterior, appear in clusters of up to 35 in late winter and early spring prior to new leaves.

Native to woodland areas of Himalayas and China.

Japan Scott #4553c. Issued on 20 October 2021 in the Hospitality Flowers Series #17. Two sheets of 10 stamps with 5 designs on each. Designed by Hitomi Nakamaru

***Conocarpus erectus*** COMBRETACEAE

Common name: Fofoti mangrove, buttonwood

Synonyms: 13

Evergreen shrub or tree to 8 m. Leaves alternate, oval to 10 cm long by 3.5 cm. Flowers greenish-white, racemose, sepals fused, petals absent. Grow near saline environments along the shore. Found in tropical America and Africa.

Aruba Scott #668. Issued as a souvenir sheet with a single stamp on 14 October 2021 to promote tourism. Designed by Armando Goedgedrag.

***Carissa macrocarpa*** APOCYNACEAE

Common names: Natal Plum, American cherry

Synonyms: 8

Evergreen shrub to 4 m, with bifurcating spines. Leaves opposite, ovate 2.5-7.5 x 2-5 cm. Flowers white solitary, star-shaped, fragrant. Fruit edible, bright red to violet, 2-5 cm. Native to Southern Africa north to Kenya in coastal bush, often on sand dunes.

Surinam Scott #1635b. Issued 3 November 2021 in a block of 6 different Fruits, designed by Studio Labranda. Printed by Oostenrijkse Otatsdrukkerij on unwatermarked stamp paper with synthetic gum using 4 color offset.

***Cordia collococca*** BORAGINACEAE

Common name: Clammy cherry

Synonyms: *Cordia ehretioides*, *C. micrantha*, *C. rariflora*, *Ehretia dubia*, *Gerascanthus collococcus*, *G. ehretioides*, *Lithocardium collococca*, *Sebestena collococca*

Small tree 8-15 m. Leaves deciduous, oblong-ovate to elliptic 6-13 cm by 3-6 cm. Terminal inflorescence on older branches. Corolla tubular, 5-6.5 mm long,

white. Fruit bright red, ovoid, 7.7-9 mm, February to June. Found in deciduous forests in the Pacific Zone from Mexico to South America, 0 to 860 m.

Surinam Scott #1635c. Issued 3 November 2021 in a block of 6 different fruits.



***Barleria craveniae* ACANTHACEAE**

New species described in 2019. Spiny shrub 60-150 cm. Leaves leathery, spiny, obovate or elliptic 8-23 by 5-11 mm. two to 10 flowers on cymes. Corolla pink, mauve or lilac 24-31.5 mm long. Grows in dry river beds in sandy soils or among rocks in full sun. 300-850 m. Endemic to southern Namibia.

Namibia Scott # 1410. Issued 14 July 2021 in a set of 4, Barleria Flowers of Namibia. Designed by Helge Denker. Printed by offset lithography in quantities of 15,000 of each duty.



***Barleria damarensis* ACANTHACEAE**

New species described in 2019. Spiny shrub or subshrub 20-110 cm, stems erect, slender. Leaves elliptic or obovate 1.7-4.4 x 0.7-1.7 cm. Two- to six-flowered inflorescence. Corolla 26-37 mm, pale blue, mauve or purple. Found in dry bushland and scrub habitats, 930-1500 m. Endemic to Namibia, but may occur in Angola.

Namibia Scott 1411. Issued 14 July 2021 in the series of Barleria Flowers of Namibia.



Paphiopedilum lawrenceanum

ORCHIDACEAE

Synonyms: 7

Herbaceous perennial, terrestrial or lithophytic. Leaves, 5-6, dark green, in a fan. Flower, white with maroon veins, in spring and summer on stem 35-45 cm is 12.5 cm diameter. Found in Borneo at 300-500 m growing on limestone rock in leaf litter.

Liberia Scott #3498a. Issued 26 October 2020 in a minisheet of 4 with a souvenir sheet of 1.

***Shorea faguetiana* DIPTEROCARPACEAE**

Common name: Yellow meranti

Tree to 60 m with dense crown. Broad-leaved evergreen. Bole 60-150 cm diameter. Record height 100.8 m. Fruit a samara. Found in mixed dipterocarp forests in well-drained clay and sandy soils on low hills 150-170 m. Native to Indonesia, Malaysia and Philippines.

Malaysia Scott #1869-70. Issued 29 Decemebr 2020 to commemorate the Tallest Tropical Tree. A sheet of 10 stamps and a souvenir sheet of one were designed by K.Y. Lim of Reign Associates. 250,000 sheet stamps were printed by offset lithography. The tree trunk on the souvenir sheet is embossed to give the feel of bark. Largest stamp produced by Pos Malaysia at 180 mm x 35 mm. (Image shown approximate size.)

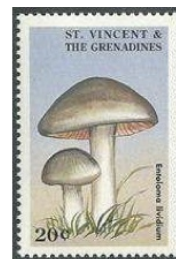




FUNGI

Editor

Paul A. Mistretta, BU 1681



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

New Issues

Scott #	Denom.	Common name/Scientific name	Family name	Code
DJIBOUTI				
2020 August 28 (M) Set/3, SS/1				
2505		Sheet of 3		
2505a	330fr	<i>Cortinarius archeri</i>	Cortinariaceae	A
2505b	330fr	Death cap, <i>Amanita phalloides</i> ☠	Amanitaceae	A
2505c	330fr	Funeral bell, autumn/deadly skullcap, <i>Galerina marginata</i> ☠	Hymenogastraceae	A
2524	1000fr	Gypsy or wrinkled mushroom, <i>Cortinarius caperatus</i>	Cortinariaceae	A SS
LIBERIA				
2020 October 26 (Owls & M) Set/4, SS/1				
3494		Sheet of 4		
3494b	\$300	Fly agaric, <i>Amanita muscaria</i> ☠	Amanitaceae	
B				
3494c	\$300	Sponge morel, Common morel, <i>Morchella esculenta</i>	Morchellaceae	B
3508	\$1200	Golden chanterelle, Girole, <i>Cantharellus cibarius</i>	Cantharellaceae	SS Z
2020 November 30 (Owls & M) Set/4, SS/2				
3579		Sheet of 4		
3579a	\$300	Yellow pholiota, Flaming pholiota, <i>Pholiota flammans</i>	Strophariaceae	B
3579b	\$300	Blue pinkgill, Sky-blue mushroom, <i>Entoloma hochstetteri</i>	Entolomataceae	A
3579c	\$300	Wood blewit, <i>Clitocybe nuda</i>	Tricholomataceae	A
3579d	\$300	False morel, <i>Gyromitra esculenta</i>	Discinaceae	A
3606	\$1200	Saffrondrop bonnet, <i>Mycena crocata</i>	Mycenaceae	A
		In margin: Sponge morel, Common morel, <i>Morchella esculenta</i>	Morchellaceae	SS Z
3607	\$1200	Amethyst deceiver, <i>Laccaria amethystina</i>	Hydnangiaceae	A
		In margin: Flowerpot parasol, Plantpot dapperling, <i>Leucocoprinus birnbaumii</i>	Agaricaceae	SS Z
MALDIVE ISLANDS				
2018 May 7 (M) Set/4, SS/1				
4113a	20r	Tall bog Russula, <i>Russula paludosa</i>	Russulaceae	A
4113a	20r	Penny bun, <i>Cantharellus cibarius</i>	Cantharellaceae	A
4113a	20r	Violet webcap, <i>Cortinarius violaceus</i>	Cortinariaceae	A
4113a	20r	Spiny or spring puffball, <i>Lycoperdon echinatum</i>	Agaricaceae	A
4128	60r	Early morel or wrinkled thimble-cap, <i>Verpa bohemica</i>	Morchellaceae	A SS
NETHERLANDS				
2021 October 11 Set//5, SS/1				
B774d	1 + 48c	Dooddeltje [Dutch cartoon character] and mushrooms	---	C
RUSSIA				
2021 August 20 (M)				
8287	100r	Mushrooms in front of a basket	---	C
2022 January 20 (M)				
8335	55r 2	mushrooms at base of tree, Ruslan and Lyudmila a fairy tale poem by Alexander Pushkin		C
SWEDEN				
2021 November 11 (M)				
2881h	(11k)	Tiny <i>Amanita</i> sp. ornament on branch above squirrel's tail		C

Caveat Emptor (part 5): Russian Republics' Illegal Overprinted Issues of the 1990s

Paul A. Mistretta BU#1681

Despite the list of illegal or suspect items previously presented for pre-1990, I believe that collectors of Mushroom-on-stamps had no idea of what was in store. Beginning in the early 1990s the dam cracked, and ultimately burst, flooding the philatelic marketplace.

Last time I stated that most of my discussion would be in chronological order. However, in the 1990s many similarly overprinted items were released in the name of a variety of Russian Republics, most of which are not republics as we generally understand the term. They are, rather, states without sovereignty. These republics have individual constitutions and elected governments with limited cachet but are more accurately described as being states within the Russian Confederation. What is clear from my research is that they have very limited autonomy, and equally clear is that the Russian government has declared illegal the many stamp issues generated for these Republics.

A small subset of the first issues created for many of these Republics were Russian stamps, mostly of low value, overprinted with significantly higher values and silhouettes of a variety of fungi. The first sets of these overprints were applied to genuine lithographed Russian stamps issued in 1966, then later to the engraved items of 1968. Other issues utilized different vignettes but also appear on both lithographed (1977; 1989) and engraved (1976; 1988) sets. Issues of 1992-1995 also occur; these are only on lithographed stamps.

Many of the images below are derived from images downloaded from the internet from sources cited at the end of Caveat Emptor (part 3) [Biophilately 70(4): 282]. Some were deliberately distorted by sellers for whatever reason, and that distortion could not be corrected (at least by me) in the images below (see Fig.31 for an example of obvious distortion.) Without having the original items in-hand it is virtually impossible to separate the lithographed/engraved pairs.

Below are shown the base stamps with the Scott's numbers which are assigned to both engraved and lithographed stamps, with an additional number preceding the Scott's numbers. The number which precedes the Scotts numbers will be used (as a 'type' number) to identify the specific issue in further discussions. This 'type' number deliberately begs the question as to whether the base stamp is engraved or lithographed.

Engraved - 1968 / Litho - 1966



Engraved - 1976 / Litho - 1977



Engraved / Litho - 1982 Engraved - 1988



Engraved 1988 / Litho 1989



Litho. - 1990

Litho. - 1991



Litho - 1992



For the purposes of reporting the illegal issues of the various Republics I will rely on the shorthand listed in Caveat Emptor (part 4) [Biophilately 71(1): 24-28] to provide abbreviated descriptions of the items. Those descriptions will be formatted as follows: Republic name (name as it appears on ‘stamps’ if different), year given for issue: -- physical description of the units(s) -- o/p values -- base stamp(s)/strips or blocks which were overprinted to create the issue.

As in previous articles, no attempt will be made to retain accurate size; reduction will be done to minimize the space required to display the large number of illustrations being used. Images presented will be isolations of the overprints (o/p) made using Photoshop to eliminate background color. There are a few illustrations where that technique did not work. For those items, images were created by electronically ‘drawing’ over the original. These latter items are far coarser than the original artwork. A single original image (Jewish Republic (ЕВРЕЙСКАЯ РЕСПУБЛИКА), 1996: 4d ST/20s as 5d Blks/4s, ea. with diff o/p) is presented immediately below to show how the ‘stamps’ appear in the marketplace.



All the overprints on this strip of stamps show silhouettes of fungi which cannot be identified with certainty even to family. While the ‘stamps’ above show various species in the order Clavariales (probably most in the family Clavariaceae), nothing more can be said with any certainty. Other fungi pictured in silhouette on other issues are mushrooms (order Agaricales), boletes (order Boletales), bracket fungi (Aphylliphorales), earthstars (Lycoperdales), morels (Pezizales), and others. Some, with unique morphologies, can be speculatively identified, but lacking spore information and other taxonomically important data, any more specific identification is purely speculative and so, is not attempted below.

As a brief exercise in interpreting my descriptions of the stamp units, the above issue is described as “Jewish Republic, 1996: 4d ST/20s as Blks/4s, ea. with diff o/p”. This is the description of the overall block of 20 (10 x 2) ‘stamps’. In this case this description translates to (red bold characters are those actually in the description): **Jewish Republic (ЕВРЕЙСКАЯ РЕСПУБЛИКА)**, issued in **1996**: appears as **4** different **Se-Tenant** strips of **[/] 20** of the same ‘stamp’, composed of **[as]** **Blocks** all being composed of **[/] 4** of the same stamp, each **[ea.]** block in the strip with a different overprint featuring the silhouette of a fungus. In the case of these Republic ‘stamps’ the 5 vignettes in a strip are repeated in the same sequence and format on all strips of a given issue.

Almost all the overprints listed have face values in hundreds of an unspecified currency; it is not clear as to whether these values were meant to be kopecks (‘коп’ abbreviated ‘k’ below) or rubles (‘руб’ as ‘r’). Published ads for these ‘stamps’ and a few of the ‘stamps’ listed below show values in rubles. I will, therefore, assume rubles for the values all overprints in this group. This choice is supported by the face values of two genuine Russian sets which were issued after those presented above (the base stamps), but which bracket the time frame in which these overprints were applied. Stamps numbered as Sc#s 6109-6124, were issued between 1992 and 1995, and have values ranging from 4r to 5000r, with nine of them valued at over 100r; and a slightly later set of stamps (issued in 1997), Sc#6371-6382, has a range of face values from 100r to 5000r. Note that virtually all genuine Russian stamps in this era have values of 100r or greater.

The Russian ruble is currently (20 Mar 2022) valued at US\$0.0094. For ease of interpreting that US\$0.0094 think of this as if it was US\$0.01 or one penny. (Prior to Russia’s invasion of the Ukraine this value was US\$0.014, but the ruble almost immediately lost 25% of its value on international markets.) There are 100 kopecks per ruble, or, for convenience, a kopeck approximates US\$0.0001. Thus, the above base stamps had a value of 1.50r each ‘stamp’ or 30.0r (1.5 x 20) for the strip. Total value of the overprinted items is 4600r, equivalent to 153 times the original value of the stamps. This face value reflects a period of serious inflation in Russia. A graph found at <https://www.statista.com/statistics/1200710/rub-usd-exchange-rate-russia/> suggests that between 1 Jan 1992 and 30 Dec 1996 US\$1.00 went from buying ~1.5 rubles to buying in excess of 5000 rubles. So, the 15,300% increase in face value is partially explained.

Given the large amount of information related to these items being presented I am adopting a smaller print size for the descriptive data to reduce the space required. Images (generally 2 or 3 at a time) will precede the descriptions of the overprinted items being documented.

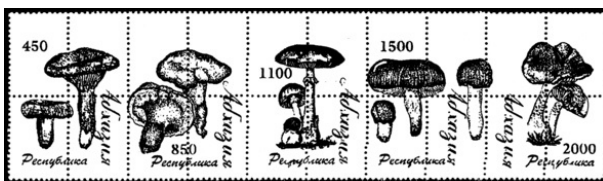


Figure 1.



Figure 2.

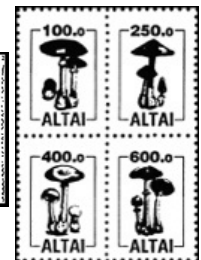


Figure 3.

Adigea? (Adygea), 199?: ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 450r, 850r, 1100r, 1500r & 2000r -- base stamps: #54 (80k) (Fig. 1)

Adjara (АДЖАРИЯ), 1996: 3d ST/20s, o/p as 5d Blks/4s, ea. with diff o/p -- values: 250r, 500r, 750r, 1000r, 1500r-- base stamps: #29 (1k), #18 (4k) & #19 (6k) (Fig 2)

Altai, 1996: 3d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 100.0r, 250.0r, 400.0r & 600.0r - base stamps: #31 (4k), #32 (5K) & #39 (50k) (Fig. 3)



Figure 4.



Figure 5.

Altai (Altaj), 1996: 3d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 100r, 300r, 650r, 800r & 950r-- base stamps: #29 (1k), #18 (4k) & #34 (15k) (Fig. 4)

Amurskaya or Amur Republic (АМУРСКАЯ РЕСПУБЛИКА), 1992: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: all 500r -- base stamps: #15(1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 5)



Figure 6.



Figure 7.

Bashkortostan (БАШКОРТОСТАН), 1996: 4d ST/20s, o/p as Blks/4s, ea. blk with diff o/p -- values: 500r all blocks -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 6)
Batum (Batumi), 1996: 3d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 250r, 400r, 600r, 850r & 1050r - base stamps: #42 (2k), #32 (5k) & #34 (15k) (Fig. 7)



Figure 8



Figure 9.

Chechnya, 1994: ST/10s, ea. with diff o/p -- 100r, 200r, 300r, 400r, 500r, 600r, 700r, 800r, 900r & 1000r -- base stamps: #29 (1k), #42 (2k), #32 (5k) & #33 (10k) (Fig. 8)
Cherkessia (ЧЕРКЕСИЯ), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 500r all blocks -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 9)



Figure 10. Redrawn from poor photocopy.



Figure 11.

Cherkessia (ЧЕРКЕСИЯ), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 500r, 1000r, 1500r, 2000r & 2500r -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig 10)
 [? **Chukatayya**] (??ОТСКАЯ??), 1994: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 200r, 400r, 650r, 800r, 950r -- base stamps: #15 (1k), 19 (6k) & 2 others which are indistinguishable on the photocopy I have (Fig. 11)



Figure 12. Isolated from a very bad photocopy.



Figure 13.

Chuvashia (ЧУВАШИЯ), 1994: 3 d ST/10s, o/p as 5d Prs/2s, ea. pr with diff o/p -- values: 500r all prs -- base stamps; #15 (1k), #30 (3k), #31 (4k) [& possible 4th strip not seen] (Fig. 12)
Dagestan, Republic of, 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 100/., 350/., 700/., 950/., & 1100/., ('/' = 'k?') -- base stamps: #15 (1k), #42 (2k), #32 (5k) & #58 (3r) (Fig.13)



Figure 14.



Figure 15. Redrawn from a poor scan.

Jewish Republic (ЕВРЕЙСКАЯ РЕСПУБЛИКА), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 500r, 700r, 900r, 1000r & 1500r -- on base stamps #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 14)
Kabardino-Balkaria (КАБАРДИЯО-БАПКАРИЯ), 1996?: 5d ST/10s, o/p as 5d Prs/2s, ea. pr with diff o/p -- values: 700r, 900r, 1200r, 1500r, 1800r -- base stamps: #15 (1k), #42 (2k), #17 (3k), #54 (80k) & #56 (1.5r) (Fig. 15)



Figure 16. Redrawn from a poor scan.



Figure 17.

Karachayevo-Cherkessia Republic (Карачаево), 2002?: 4d ST/10s, o/p as Prs/2s, ea. pr with diff o/p -- values: all 700r --- base stamps #42 (2k), #54 (80k), #56 (1.5r) & ? [illegible, low res. scan] (Fig. 16)

Karelia (as Karjala), 1992: 3d SFs, ea. SF with diff o/p (these could be singles from strips of 10d) -- values: 300r, 450r & 600r -- base stamps: #15 (1k), #42 (2k) & #17 (4k) (Fig. 17)



Figure 18.

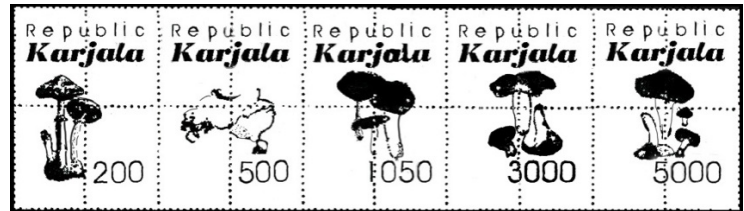


Figure 19.

Karelia (КАРЕЛИЯ), 1994?: 3d Blks/4s, ea. blk with diff o/p -- value 500r ea. -- base stamps: #48 (20k), #51 (50k) & #54 (80k) (Fig. 18)

Karelia (as Republic Karjala), 1994?: 5d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 200r, 500r, 1050r, 3000r & 5000r -- base stamps: #29 (1k), #42 (2k), #54 (80k), #57 (2r) & #59 (5r) (Fig. 19)



Figure 20.

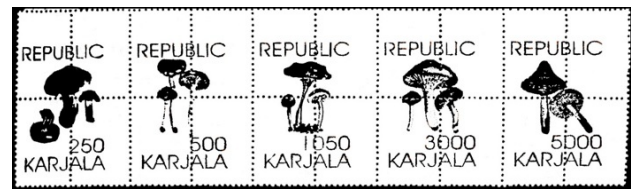


Figure 21.

Karelia (as Karjala), 1994?: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 200R, 400r, 650r, 850r & 1000r -- base stamps: #29 (1k), #42 (2k), #32 (5k) & #34 (15k) (Fig. 20)

Karelia (as Republic Karjala), 1994?: 4d ST/20s, o/p, as 5d Blks/4s, ea. blk with diff o/p -- values: 250r, 500r, 1050r, 3000r & 5000r -- base stamps: #29 (1k), #42 (2k), #55 (1r) & #58 (3r) (Fig. 21)



Figure 22.



Figure 23.



Figure 24.

Karelia (as Karjala Post), 1994: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- value: 750r ea. blk -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) & (Fig. 22)

Khakassia, Republic of (ХАКАСНЯ), 1996: 3d 10SF sets [prob originally ST/10d], ea. SF with a diff o/p] -- 50r, 100r, 200r, 250r, 300r, 400r, 550r, 600r, 750r & 800r -- base stamps #31 (4k), #32 (5k) & #36 (25k) [& possible 4th set, not seen] (Fig. 23).

Kolyma (КОЛЫМА), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- value: 700r, 850r, 1000r, 1150r & 1300r -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 24)



Figure 25.



Figure 26.



Figure 27.

Komi, 1997: 4d Blks/4s, ea. blk with a single o/p, all same -- value: all 600/- -- base stamps: #29 (1k) #57 (2k), #56 (1.5r) & #59 (5r) (Fig 25)

Komi, 1996: 6d Prs/2s ea. with diff o/p -- values: 100r, 200r, 400r, 600r, 700r & 900r -- base stamps: 2 prs ea. #15 (1k), #16 (2k) & #42 (2k) (Fig. 26)

Komi (КОМИ), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- value: 500r ea. blk -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig 27)



Figure 28.



Figure 29

Mari El, Republic of (МАРИЙ ЭЛ), 1996: 4d Blks/4s, o/p on ea. SF in blk [actual format unclear; o/p/s suggest that examples to hand may have been broken out from ST/20s units, but I have not seen these] values: 250,-, 500,-, 750,-, 1000,-, 1250,-, 1500,-, 1750,- & 2000,- known [2250,- & 2500,- possible] base stamps: #15 (1k), #19 (6k), #48 (20k) & #50 (30k) (Fig 28)

Mari El, Republic of (МАРИЙ ЭЛ), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- value: 2 x 700r, 2 x 800r & 1 x 900r -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig 29)



Figure 30. Redrawn from very poor quality scan.



Figure 31.

Mari El, Republic of (МАРИЙ ЭЛ), 1996: 5d ST/10/s, o/p as 5d prs/2s, ea. pr with diff o/p -- values illegible -- #15 (1k), #42 (2k), #54 (80r), #56 (1.5r) & #58 (3r) (Fig 30) Also, in the scan of this sets there are 6d ST/20s; the 6th is in basically the same format as shown in Figure 30 but with 5 different silhouettes. it is unknown to me whether there are also 5d strips of this second o/p type. The sixth strip's base stamp is #58 (3r), values are illegible.

Mordovia, 1994?: 4d Blks/4s, ea. blk with diff o/p -- value: ea. 500r -- base stamps: #29 (1k), #56 (1.5r), #57 (2r) & #59 (5r) (Fig. 31)



Figure 32.



Figure 33.

Sakha Yakutia, Republic of (РЕСПУБЛИКА САХА ЯКУТИЯ), 1996: 4d 5Blks/4s, ea. blk with diff. o/p [it is probable that these Blks/4s are separated from ST/20s] -- values: 100.0r, 250.0r, 400.0r, 600.0r, & 800.0r -- base stamps: #42 (2k), #18 (4k), #31 (4k) & #45 (13k) (Fig. 32)

Sakha Yakutia, Republic of (РЕСПУБЛИКА САХА ЯКУТИЯ), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: all 1000r -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 33)



Figure 34.



Figure 35.

Sakhalin I[sland] (о. САХАЛИН), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- value: 950r ea. blk -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig.34)

Siberia, Eastern (ВОСТОЧНАЯ СИБИРЬ), 1996: 4d ST/20s o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 800r, 1000r, 1200r, 1400r & 1600r -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig 35)



Figure 36.



Figure 37.



Figure 38.

South Ossetia (C. ОСЕТИЯ), 1996: ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 500r, 600r, 700r, 800r & 900r -- base stamp: #58 (3r) [others?] (Fig. 36)

Tatarstan (ТАТАРСТАН), 1996: 4d ST/20s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 500r, 600r, 700r, 800r & 900r -- base stamps: #15 (1k), #42 (2k), #54 (80k) & #56 (1.5r) (Fig. 37)

Tatarstan (ТАТАРСТАН), 1996: Blk/4s, with single o/p (only item seen) -- value 1600r -- base stamp: #42 (2k) (Fig. 38)



Figure 39.

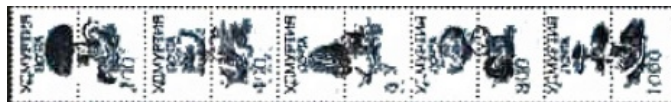


Figure 40.

Tuva, 1996: 3d ST/10s, o/p as Prs/2s, ea. pr with diff o/p -- values: 150r, 450r, 700r, 950r & 1100r -- base stamps: #15 (1k), #18 (4k) & #51 (50k) (Fig. 39)

Udmurtia (Удмчртия), 1994?: 3d ST/10s, o/p Prs/2s, ea. pr with diff o/p -- values 200r, 400r, 600r, 800r & 1000r -- base stamps: #42 (2k), #17 (3k) & #19 (6k) (Fig. 40)



Figure 41.



Figure 42.



Figure 43.

Udmurtia (Удмчртия), 1995: 3d SF/10d [singles from ST/10d?] -- value: 500r ea. -- base stamps: #48 (20k), #51 (50k) & #54 (80k) (Fig. 41)

Udmurtia, 1996: 4d ST/10s, o/p as 5d Blks/4s, ea. blk with diff o/p -- values: 200r, 450r, 600r, 850r & 900r -- #15 (1k), #18 (4k), #33(10k) & #34 (15k) (Fig. 42)

Urals (Урал), 1995: 2d 4SF, ea. SF with diff o/p -- values: 100r, 400r, 600r & 1000r -- base stamps: #17 (3k) & #18 (4k) (Fig. 43)

This ends the listing of what I have been able to locate concerning the overprinted issues of the Russian Republics which have fungi as a theme and were 'issued' in the 1990s. I have been unable to determine who developed and released these items. What is certain is that whoever is responsible found the goose that laid the golden egg.

While these 'stamps' show better production values compared to many of their equally illegal predecessors, they still didn't have any franking power, may not be included in sanctioned competitive exhibits, and probably do not have any potential value as investment items. As the title says -- Caveat Emptor!!

Please help!! This listing is a work in progress. Anyone having more or better information for this group of 'stamps', please contact me so that I can improve the listing (if not the 'stamps') and share that information through this column. Scans of the items which are not included would be greatly appreciated (minimum of 200 dpi so that they are legible).



MAMMALIA

Editor
Michael Prince, LM 68



New Issues

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
AUSTRALIA				
2021 October 19 (RSPCA 150th Anniversary) Set/10				
5386	\$1.10	Common Brushtail Possum, <i>Trichosurus vulpecula</i>	Phalangeridae	
5387	\$1.10	Tabby Cat, <i>Felis catus</i>	Felidae	
5388	\$1.10	Jack Russell Terrier, <i>Canis lupus familiaris</i>	Canidae	
5389	\$1.10	Domestic Pig, <i>Sus scrofa domesticus</i>	Suidae	
5390	\$1.10	Domestic Horse, <i>Equus caballus</i>	Equidae	
5391	\$1.10	As 5386, SA Die cut 11¼		
5392	\$1.10	As 5387, SA Die cut 11¼		
5393	\$1.10	As 5388, SA Die cut 11¼		
5394	\$1.10	As 5389, SA Die cut 11¼		
5395	\$1.10	As 5390, SA Die cut 11¼		
5395b		Vert strip of 5		
AUSTRIA				
2020 October 1 (Marmot) Set/4				
2898	275c	Alpine Marmot, <i>Marmota marmota</i>	Sciuridae	
BELARUS				
2021 January 12 (Juvenile Mammals) Set/4				
1228	(60k)	Western Roe Deer, <i>Capreolus capreolus</i>	Cervidae	
1229	(1r50)	Eurasian Red Squirrel, <i>Sciurus vulgaris</i>	Sciuridae	
1230	(1r74)	Wild Boar, <i>Sus scrofa</i>	Suidae	
1231	(1r86)	Eurasian Beaver, <i>Castor fiber</i>	Castoridae	
2021 April 6 (Endangered Rodents) Set/4, SS/8				
1236	(60k)	Garden Dormouse, <i>Eliomys quercinus</i>	Gliridae	
1237	(1r62)	Hazel Dormouse, <i>Muscardinus avellanarius</i>	Gliridae	
1238	(1r74)	Siberian Flying Squirrel, <i>Pteromys volans</i>	Sciuridae	
1239	(1r86)	Fat Dormouse, <i>Glis glis</i>	Gliridae	
2021 May 4 (Europa – Endangered Animals) Set/2, SS/4				
1241	P(2r04)	Black-bellied Hamster, <i>Cricetus cricetus</i>	Muridae	
1241a		Souvenir sheet of 4, 2 each of #1240-41		
BELGIUM				
2021 June 4 (Europa – Endangered Animals) Set/2				
2459a	(€5.55)	Black-bellied Hamster, <i>Cricetus cricetus</i>	Muridae	
BOSNIA & HERZEGOVINA				
2021 May 7 (Europa – Endangered Animals) Set/2, SS/2				
845a	2m50	Eurasian Lynx, <i>Lynx lynx</i>	Felidae	
845b	2m50	Alpine Chamois, <i>Rupicapra rupicapra</i>	Bovidae	
BRITISH ANTARCTIC TERRITORY				
2021 November 23 (Blue Belt Program) Set/4, MS/4				
615	£1.26	Leopard Seal, <i>Hydrurga leptonyx</i>	Phocidae	
617c	£1.26	Same species	Phocidae	
COLOMBIA				
2021 January 20 (Colombian Parks) Set/8				
1561		Sheet of 8		
1561e	200p	Humpback Whale, <i>Megaptera novaeangliae</i>	Balaenopteridae	

CYPRUS		2021 May 6 (Europa – Endangered Animals)	Set/2
1357	64c	Mediterranean Monk Seal, <i>Monachus monachus</i>	Phocidae
		2021 July 8 (Natura 2000 Protected Areas)	Set/4
1359b	34c	Cyprus Mouflon, <i>Ovis gmelini ophion</i>	Bovidae
CZECH REPUBLIC		2021 September 8 (Milovice Nature Reserve)	Set/4
3876b	26k	European Bison, <i>Bison bonasus</i>	Bovidae
3876c	27k	Aurochs, <i>Bos primigenius</i>	Bovidae
3786d	30k	Exmoor Pony, <i>Equus ferus caballus</i>	Equidae
DJIBOUTI		2021 August 30 (Large Cats, Whales)	Sets/3, SSs/1
2529a	330fr	Tiger, <i>Panthera tigris</i>	Felidae
2529b	330fr	African Lion, <i>Panthera leo leo</i>	Felidae
2529c	330fr	Tiger, <i>Panthera tigris</i>	Felidae
		In margin: Lion, <i>Panthera leo</i>	Felidae
2530a	330fr	Short-finned Pilot Whale, <i>Globicephala macrorhynchus</i>	Delphinidae
2530b	330fr	Sperm Whale, <i>Physeter macrocephalus</i>	Physeteridae
2530c	330fr	Bowhead Whale, <i>Balaena mysticetus</i>	Balaenidae
		In margin: Bowhead Whale, <i>Balaena mysticetus</i>	Balaenidae
2540	1000fr	Lion, <i>Panthera leo</i>	Felidae
		In margin: Leopard, <i>Panthera pardus</i>	Felidae
2541	1000fr	Beluga, <i>Delphinapterus leucas</i>	Monodontidae
		In margin: Long-finned Pilot Whale, <i>Globicephala melas</i>	Delphinidae
		Harbour Porpoise, <i>Phocoena phocoena</i>	Phocoenidae
		2021 August 30 (African Trains and Animals)	Set/3, SS/1
2554a	330fr	Barbary Macaque, <i>Macaca sylvanus</i>	Cercopithecidae
2554b	330fr	South African Ground Squirrel, <i>Xerus inauris</i>	Sciuridae
2554c	330fr	Klipspringer, <i>Oreotragus oreotragus</i>	Bovidae
		In margin: African Elephant, <i>Loxodonta africana</i>	Elephantidae
2560	1000fr	African Wild Dog, <i>Lycaon pictus</i>	Canidae
		In margin: Lion, <i>Panthera leo</i>	Felidae
ECUADOR		2020 (Lake Agrio)	Set/8
2250		Booklet pane of 8	
2250h	\$1.00	South American Squirrel Monkey, <i>Saimiri sciureus</i>	Sciuridae
ESTONIA		2021 September 10 (Stoat)	
957	90c	Stoat (Ermine), <i>Mustela erminea</i>	Mustelidae
FIJI		2020 January 17 (New Year 2020 – Year of the Rat)	Set/4
1430	40c	Pacific Rat, <i>Rattus exulans</i>	Muridae
1431	90c	Same species	Muridae
1432	\$1.10	Same species	Muridae
1433	\$15.00	Same species	Muridae
FRANCE		2021 September 3 (Children's Stories)	Set/12
6081	(€1.08)	Grey Wolf, <i>Canis lupus</i>	Canidae
GEORGIA		2021 September 22 (Europa – Endangered Animals)	
575	2110	Goitered Gazelle, <i>Gazella subgutturosa</i>	Bovidae
GREECE		2021 May 6 (Europa – Endangered Animals)	Set/2
2945		Horiz pair	
2945a	€2.00	Red Deer (Elk), <i>Cervus elaphus</i>	Cervidae
2945b	€4.50	Short-beaked Common Dolphin, <i>Delphinus delphis</i>	Delphinidae

GREENLAND		2021 June 8 (Europa – Endangered Animals) Set/4	
869	19k	Harbour Seal, <i>Phoca vitulina</i>	Phocidae
871	19k	Same species	Phocidae
871a		Booklet pane of 12, 6 each #670, 671	
HUNGARY		2021 September 25 (One With Nature World Hunting and Nature Exhibition, Budapest)	
4615a	145fo	Mouflon, <i>Ovis gmelini</i>	Bovidae
4615b	145fo	Wild Boar, <i>Sus scrofa</i>	Suidae
4615d	200fo	European Hare, <i>Lepus europaeus</i>	Leporidae
4615e	425fo	Fallow Deer, <i>Dama dama</i>	Cervidae
4615f	425fo	Red Deer (Elk), <i>Cervus elaphus</i>	Cervidae
4615g	460fo	Western Roe Deer, <i>Capreolus capreolus</i>	Cervidae
4615h	460fo	Hungarian Wirehaired Vizla, <i>Canis lupus familiaris</i>	Canidae
ISRAEL		2021 November 30 (Waterfalls) Set/3	
2302	7s30	Nubian Ibex, <i>Capra nubiana</i>	Bovidae
JAPAN		2021 May 10 (Fauna & Flora of Lake Towada and Oirase Gorge) Set/10	
4497		Sheet of 10	
4497d	¥84	Japanese Flying Squirrel, <i>Pteromys momonga</i>	Sciuridae
4497f	¥84	Japanese Serow, <i>Capricornis crispus</i>	Bovidae
4497j	¥84	Japanese Marten, <i>Martes melampus</i>	Mustelidae
KAZAKHSTAN		2021 September 24 (Mammals) Set/4	
953	5te	Goitered Gazelle, <i>Gazella subgutturosa</i>	Bovidae
954	20te	Tianshan Argali, <i>Ovis ammon karelini</i>	Bovidae
955	(130te)	Bactrian Deer, <i>Cervus elaphus bactrianus</i>	Cervidae
956	200te	Transcaspian Urial, <i>Ovis vignei arkal</i>	Bovidae
		2021 November 26 (Fauna & Flora of Altyn-Emel Biosphere Reserve) SS/3	
965a	600te	Przewalski's Horse, <i>Equus przewalskii</i>	Equidae
		2021 November 29 (Europa – Endangered Animals) SS/2	
966a	800te	Siberian Roe Deer, <i>Capreolus pygargus</i>	Cervidae
966b	800te	Wild Boar, <i>Sus scrofa</i>	Suidae
SOUTH KOREA		2021 December 1 (New Year 2022 - Year of the Tiger) Set/2, SS/4	
2613a	430w	Tiger, <i>Panthera tigris</i>	Felidae
2613b	430w	Same species	Felidae
2613c		Souvenir sheet of 4, 2 each of #2613a, 22613b	
MONTENEGRO		2021 December 1 (Miadost Children's Home, Bijela 75th Anniversary) Single	
486	30c	Common Bottlenose Dolphin, <i>Tursiops truncatus</i>	Delphinidae
UNITED NATIONS			
New York		2021 October 11 (Biodiversity Conference, Kunming, China) SS/3	
1282a,b,c		Sheet of 3. a - \$1.30 Flower, b – 2fr Insect, c- €1.80 Bird	
		In margin: Tiger, <i>Panthera tigris</i>	Felidae
		Mammal Hand only – possibly of <i>Tarsier</i> species	Tarsiidae
		2022 January 21 (New Year 2022 – Year of the Tiger) Set/2	
1290	\$1.30	Tiger, <i>Panthera tigris</i>	Felidae
1291	\$1.30	Same species	Felidae
1291a		Horiz pair	



ORNITHOLOGY

Editor

Glenn G. Mertz, BU 1455



Corrections/Updates

Scott Publishing has assigned numbers to the following issues.

DJIBOUTI, V70(4), page 293-294.

Update: 8/30/2021 (Kingfishers) (Set/3=Sc#2532a-c) (SS/1=Sc#2543)
8/30/2021 (Owls) (Set/3=Sc#2531a-c) (SS/1=Sc#2542)

MALDIVE ISLANDS, V67(3), page 224

Update: 2018, May 17 (Fishing Birds) (M/S/4=Sc#4111a-d) (SS/1=Sc#4126)
2018, May 17 (Pigeons) (MS/4=Sc#4109a-d & SS/1=Sc#4124)

Update: V67(3), p225

2018, May 17 (Birds of Prey) (M/S4=Sc#4110a-d) & SS/1=Sc#4125)

Update: V67(4), p306-307

2018, April 16 (Flightless Birds) (M/S4=Sc#4154a-d & SS/1=Sc#4169)

New Issues

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ALGERIA				
2020 February 24 Set/3 A*				
1804	25d	Barn Swallow, <i>Hirundo rustica</i>	Hirundinidae	
1805	30d	Pharaoh Eagle-Owl, <i>Bubo ascalaphus</i>	Strigidae	
ANDORRA (Spanish Admin.)				
2021 April 30 (Europa, Endangered Species) Single A*				
492	€1.50	Bearded Vulture, <i>Gypaetus barbatus</i>	Accipitridae	
ARMENIA				
2021 May 7 (Europa) Single A*				
1257	350d	Golden Eagle, <i>Aquila chrysaetos</i>	Accipitridae	
AUSTRALIA				
2020 August 19 (#5139 overprinted for Perth Stamp & Coin Show)				
5139a	\$1.10	Black Swan, <i>Cygnus atratus</i>	Anatidae	
BELARUS				
2021 March 2 (Birdlife International) Single A*				
1235	P (2.04r)	Eurasian Nightjar, <i>Caprimulgus europaeus</i>	Caprimulgidae	
2021 May 4 (Europa) Set/2, SS/4 A*				
1240	H (1.86r)	Aquatic Warbler, <i>Acrocephalus paludicola</i>	Acrocephalidae	
1241a		Souvenir sheet of 4, in se-tenant format, #1240-1241.		
2021 July 7 (Falcons) Set/6, SS/6 A*				
1249	A (60k)	Merlin, <i>Falco columbarius</i>	Falconidae	
1250	N (1.62r)	Same species, ♀	Falconidae	
1251	(1.62r)	Eurasian Kestrel, <i>Falco tinnunculus</i>	Falconidae	
1252	M (1.62r)	Same species, ♀	Falconidae	
1253	H (1.86r)	Red-footed Falcon, <i>Falco vespertinus</i>	Falconidae	
1254	P (2.04r)	Same species	Falconidae	
1254a		Souvenir sheet of 6, se-tenant Sc#1249-1254		

BELGIUM		2021 August 30 (Flora, fauna & fungi with black, yellow and red)		A*
2962a	(€2.14) European Goldfinch, <i>Carduelis carduelis</i>		Fringillidae	
2962b	(€2.14) Red Junglefowl, <i>Gallus gallus</i>		Phasianidae	
BRAZIL		2021 April 19, 2022 (Diplomatic relations with Dominican Republic, 110y)		A*
3458	(3395r) Palmchat, <i>Dulus dominicus</i>		Dulicidae	
BRITISH ANTARCTIC TERRITORY		2020 December 16	Set/4	A*
595	68p South Polar Skua, <i>Stercorarius maccormicki</i>		Stercorariidae	
596	78p Antarctic Shag, <i>Leucocarbo bransfieldensis</i>		Phalacrocoracidae	
597	£1.04 Antarctic Petrel, <i>Thalassoica antarctica</i>		Procellariidae	
598	£1.26 Southern Fulmar, <i>Fulmarus glacialis</i>		Procellariidae	
CHRISTMAS ISLAND		2019, January 8 (Christmas)	Set/2	C*
598	65c Christmas Island Frigatebird, <i>Fregata aedre</i>		Fregatidae	
	Brown Goshawk, <i>Accipiter fasciatus</i>		Accipitridae	
	Christmas Island Imperial-Pigeon, <i>Ducula whartoni</i>		Columbidae	
	Christmas Island Booby, <i>Ninox natalis</i>		Strigidae	
	Abbott's Booby, <i>Papasula abbotti</i>		Sulidae	
	White-tailed Tropicbird, <i>Phaethon lepturus</i>		Phaethontidae	
599a	Souvenir sheet of 2, #598-599			
600a	Booklet pane of five SA stamps			
COLOMBIA		2021, July 12 (Risaralda Bird Festival)	Set/15	A*
1569a	5,000p Sword-billed Hummingbird, <i>Ensifera ensifera</i>		Trochilidae	
1569c	5,000p Brown-banded Antpitta, <i>Grallaria milleri</i>		Formicariidae	V71(2)
1569e	5,000p Equatorial Antpitta, <i>Grallaria saturata</i>		Formicariidae	V71(2)
1569g	5,000p Yellow-eared Parrot, <i>Ognorhynchus icterotis</i>		Psittacidae	
1569i	5,000p Chami Antpitta, <i>Grallaria alvarezii</i>		Formicariidae	V71(2)
1569j	5,000p Bicolored Antpitta, <i>Grallaria rufocinerea</i>		Formicariidae	V71(2)
1569k	5,000p Slate-crowned Antpitta, <i>Grallaria nana</i>		Formicariidae	V71(2)
1569n	5,000p Buffy Helmetcrest, <i>Oxypogon stuebelii</i>		Trochilidae	
1569m	5,000p Chestnut-bellied Flowerpiercer, <i>Diglossa gloriosissima</i>		Thraupidae	
1569o	5,000p Crescent-faced Antpitta, <i>Grallaricula lineifrons</i>		Formicariidae	
		2021 August 20 (Regional Autonomous Corporation of Guavio)	Set/8	A*
1577d	2,000p Black-and-chestnut Eagle, <i>Spizaetus isidori</i>		Accipitridae	
1577e	2,000p Blue-throated Starfrontlet, <i>Coeligena helianthea</i>		Trochilidae	
1577g	2,000p Black-chested Buzzard-Eagle, <i>Geranoaetus melanoleucus</i>		Accipitridae	
CROATIA		2021 Sept. 22 (Woodpeckers)	Set/2	A*
1244a	3030k Middle-spotted Woodpecker, <i>Dendrocoptes medius</i>		Picidae	
1244b	3.30k White-winged Woodpecker, <i>Dendrocopos leucopterus</i>		Picidae	V70(4)
CYPRUS		2021 July 8 (Natura 2000 Network of Protected Natural Areas)	Set/4	A*
1359a	€0.34 Greater Flamingo, <i>Phoenicopterus roseus</i>		Phoenicopteridae	
1359c	€0.34 Demoiselle Crane, <i>Anthropoides virgo</i>		Gruidae	
CZECH REPUBLIC		2021 May 19 (Ramsar Convention on Wetlands, 50y)	Single	A*
3869	Z(45k) Black Stork, <i>Ciconia nigra</i>		Ciconiidae	
DJIBOUTI		2021 August 21 (Raptors)	Set/3, SS/1	A*
2497a	330fd Spanish Eagle, <i>Aquila adalberti</i>		Accipitridae	
2497b	330fd Long-legged Buzzard, <i>Buteo rufinus</i>		Accipitridae	
2497c	330fd Hooded Vulture, <i>Necrosyrtes monachus</i>		Accipitridae	

DJIBOUTI (continued)

	In margin: Bald Eagle, <i>Haliaeetus leucocephalus</i> (LL)	Accipitridae	
	Peregrine Falcon, <i>Falco peregrinus</i>	Falconidae	
2509	1000fd SS Egyptian Vulture, <i>Neophron percnopterus</i>	Accipitridae	
	In margin: Eurasian Eagle-Owl, <i>Bubo bubo</i> (LR)	Strigidae	
	Red Kite, <i>Milvus milvus</i>	Accipitridae	
	2021 August 9 (Lighthouses) Set/3		A*
2506a	330fd Heermann's Gull, <i>Larus heermanni</i>	Laridae	
2516c	330fd Swallow-tailed Gull, <i>Creagrus furcatus</i>	Laridae	

FALKLAND ISLANDS

	2021 November 17 (Black-browed Albatross) Set/4		A*
1313	32p Black-browed Albatross, <i>Thalassarche melanophris</i>	Diomedidae	
1314	78p Same species, adult feeding chicks		
1315	£1.04 Same species, in flight		
1316	£1.26 Same species, head only		

FINLAND

	2021 Sept 8 (Paintings) Set/8, SA coil		A*
1648	(€1.85) Western Capercaillie, <i>Tetrao urogallus</i>	Phasianidae	

GAMBIA

	2020 October 30 (Somali Ostrich) Set/4		A*
3855a	100d Somali Ostrich, <i>Struthio molybdophanes</i> (Orange-brown color)	Struthionidae	
3885b	100d Same species, color green		
3885c	100d Same species, color blue-violet		
3885d	100d Same species, color red		
	2020 October 30 (Southern Ground Hornbill) Set/4		A*
3886a	100d Southern Ground-Hornbill, <i>Bucorvus leadbeateri</i>	Bucorvidae	
3886b	100d Same species, two birds		
3886c	100d Same species, bird in flight.		
3886d	100d Same species, head of juvenile		
	2020 October 30 (Yellow-collared Lovebird) Set/3, SS/1		A*
3887a	100d Yellow-collared Lovebird, <i>Agapornis personatus</i>	Psittaculidae	
3887b	100d Same species, standing		
3887c	100d Same species, flying to right.		
3888	250d SS Same species, head in circle		

GEORGIA

	2021 Sept. 22 (Europa Endangered Species) Set/2		A*
596	2,10l Imperial Eagle, <i>Aquila heliaca</i>	Accipitridae	

KOSOVO

	2021 August 17 Single		A*
468	€2.10 Domestic breed pigeon, <i>Columba illyric</i>	Columbidae	
	(It has a genus of <i>Columba</i> but is not listed in the Clements Checklist of birds due to it being a domesticated breed.)		

KYRGYZSTAN

	2020 December 17 Single		A*
143	150s White-browed Tit-Warbler, <i>Leptopoecile sophiae</i>	Aegithalidae	
	2021 March 31 Single		A*
153	175s Bearded Vulture, <i>Gypaetus barbatus</i>	Accipitridae	

LATVIA

	2021 April 23 (Europa Endangered Species) Set/2		A*
1070	€1.27 Black Stork, <i>Ciconia nigra</i>	Ciconiidae	
	2021 July 2 (Flower with bird) Single		A*
1075	€1.27 Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae	

LATVIA (continued)**2021 July 16**

A*

- 1076 €1.00 Gray Partridge, *Perdix perdix* (two birds) Phasianidae
 1077 €1.27 Eurasian Bullfinch, *Pyrrhula pyrrhula* Fringillidae

MONTENEGRO**2021 May 8 (Tivat Saline Wetlands) Single**

A*

- 476 95c Little Egret, *Egretta garzetta* Ardeidae

MYANMAR**2019 December 12**

A*

A single stamp, featuring a bird; Scott Publishing has it listed as Burma, but the stamp has Myanmar, which goes back to its most current name, since the overthrow of the government recently.

- 459 100k Indian Roller, *Coracias benghalensis* Coraciidae

PERU**2020 January 13**

Set/2

A*

- 1989 1.20s Andean-cock-of-the Rock, *Rupicola peruvianus* Cotingidae
 1990 2.60s Andean Condor, *Vultur gryphus* Cathartidae

SLOVENIA**2018 June**

A*

A set of four SA stamps, like the set of 5/29/2015, in V64(3), Sc#1119-1122, with new perfs; since these were not listed by Scott Publishing to alert collectors of these four, new perf measurements are not known, and Scott Publishing informed me that the postal authority does not always alert them to changes like this.

- N/A €0.01 (P) Great Crested Grebe, *Podiceps cristatus* Podicipedidae
 N/A €0.02 (O) Stock Dove, *Columba oenas* Columbidae
 N/A €0.10 (T) Kentish Plover, *Charadrius alexandrinus* Charadriidae
 N/A "D" Ural Owl, *Strix uralensis* Strigidae

S. GEORGIA & S. SANDWICH ISLANDS**2021 October 28 (Bird and Island) Set/3**

A*

- 649a 70p Brown Skua, *Stercorarius antarcticus* Stercorariidae
 650a 80p Snow Petrel, *Pagodroma nivea* Procellariidae
 651a £1.25 Cape Petrel, *Daption capense* Procellariidae

TOGO**2021 December 20 (Birds of Africa) Set/4, SS/1**

A*

- N/A 800fr Gray-necked Rockfowl, *Picathartes oreas* (UR) Picathartidae
 White-necked Rockfowl, *Picathartes gymnocephalus* (LL) Picathartidae
 N/A 800fr Common Buzzard, *Buteo buteo* Accipitridae
 N/A 800fr African Marsh-Harrier, *Circus ranivorus* NEW Accipitridae
 N/A 800fr Chestnut Owlet, *Glaucidium castaneum* (UR) Strigidae
 Sandy Scops-Owl, *Otus icterorhynchus holerythrus* (LL and a ssp) Strigidae
 N/A 3300fr SS Buff-shouldered Widowbird, *Euplectes psammacromius* Ploceidae V76(1)
 In margin: Black Kite, *Milvus migrans parasitus* (ssp) (UR) Accipitridae NEW
 Chestnut-naped Francolin, *Pternistis castaneicollis* Phasianidae V71(1)

2021 December 20 (Exotic Birds) Set/4, SS/1

A*

- N/A 800fr Dusky Broadbill, *Corydon sumatranus* Eurylaimidae
 N/A 800fr Chestnut-breasted Malkona, *Phaenicophaeus curvirostris* Cuculidae
 N/A 800fr Guianan Cock-of-the-Rock, *Rupicola rupicola* Cotingidae
 N/A 800fr Great Hornbill, *Buceros bicornis* Bucerotidae
 N/A 3300fr SS Rhinoceros hornbill, *Buceros rhinoceros* Bucerotidae
 In margin: Wallcreeper, *Tichodroma muraria* (UR) Tichodromidae
 Southern Cassowary, *Casuarius casuarius* Casuariidae

MOZAMBIQUE		2021 December 20 (Kingfisher)	Set/4, 2xSS/1	A*
N/A	132.00mt	Common Kingfisher, <i>Alcedo atthis</i>	Alcedinidae	
		2021 December 30 (Birds of Mozambique)	Set/4, 2xSS/1	A*
N/A	132.00mt	Ostrich, <i>Struthio camelus</i>	Struthionidae	
N/A	132.00mt	Long-tailed Cormorant, <i>Microcarbo africanus</i>	Phalacrocoracidae	
N/A	132.00mt	Verreaux's Eagle-Owl, <i>Bubo lacteus</i>	Strigidae	
N/A	132.00mt	White-fronted Bee-eater, <i>Merops bullockoides</i>	Meropidae	
		2021 December 30 (Warblers)	Set/4, 2xSS/2	A*
N/A	132.00mt	Eastern Subalpine Warbler, <i>Curruca cantillans</i>	Sylviidae	
N/A	132.00mt	Willow Warbler, <i>Phylloscopus trochilus</i>	Phylloscopidae	
N/A	132.00mt	Eastern Crowned Warbler, <i>Phylloscopus coronatus</i>	Phylloscopidae	V71(1)
N/A	132.00mt	Eastern Bonelli's Warbler, <i>Phylloscopus orientalis</i>	Phylloscopidae	V71(1)
N/A	132.00mt	SS Eastern Subalpine Warbler, <i>Curruca cantillans</i>	Sylviidae	
		Willow Warbler, <i>Phylloscopus trochilus</i>	Phylloscopidae	
	In margin:	Sardinian Warbler, <i>Curruca melanocephala</i> (LL)	Sylviidae	
		Icterine Warbler, <i>Hippolais icterina</i>	Acrocephalidae	
N/A	132.00mt	SS Eastern Crowned Warbler, <i>Phylloscopus coronatus</i>	Phylloscopidae	
		Eastern Bonelli's Warbler, <i>Phylloscopus orientalis</i>	Phylloscopidae	
	In margin:	Greater Whitethroat, <i>Curruca comminis</i>	Sylviidae	
		2021 December 30 (National Parks, 50y)	Set/4	A*
N/A	132.00mt	Great White Pelican, <i>Pelecanus onocrotalus</i>	Pelecanidae	
N/A	132.00mt	Pied Kingfisher, <i>Ceryle rudis</i>	Alcedinidae	

GRENADINES OF ST. VINCENT **2019, July 14** A*

These next three issues are for the island of Canouan. After my listings of the three see my note below them. The first listing is of a sheet of three horizontal stamps all of the same species and a SS of one, all entitled "Brown Pelican".

N/A	\$3.00	Brown Pelican, <i>Pelecanus occidentalis</i> (in flight)	Pelecanidae
N/A	\$5.00	Same species, facing right	
N/A	\$7.00	Same species, facing left	
N/A	\$14.00	SS Same species, , standing on wharf post, facing right.	

		2021 November 8 (Seabirds)	Set/5, SS/2	
N/A	\$4.50	Northern Gannett, <i>Morus bassanus</i>	Sulidae	
N/A	\$4.50	Ring-billed Gull, <i>Larus delawarensis</i>	Laridae	
N/A	\$4.50	Magnificent Frigatebird, <i>Fregata magnificens</i>	Fregatidae	
N/A	\$4.50	American White Pelican, <i>Pelecanus erythrorhynchos</i>	Pelecanidae	
N/A	\$4.50	Black-capped Petrel, <i>Pterodroma hasitata</i>	Procellariidae	
N/A	\$8.00	SS Campbell Albatross, <i>Thalassarche melanophris impavida</i> (ssp)	Diomedidae	V71(1)
N/A	\$8.00	SS Emperor Penguin, <i>Aptenodytes forsteri</i>	Spheniscidae	

Note: Regarding Grenadines of St. Vincent issues, especially those listing of their islands of Canouan, Bequia, Mayreau, Mustique and Union. This is again a clarification as their listing of these island on their sheets and why Scott Publishing has not assigned any numbers to these for better than ten years. It all started when the Ex-APS President, Bob Lamb went to the various islands that make up the Grenadines and tried to mail postcards using the stamps he purchased at the Philatelic Bureau in Kingstown. When he tried to mail these postcards with the stamps that had the islands name on them at each of the islands, a postal clerk on the islands he visited told him were not valid for postage there; apparently the only stamps that were valid on these islands were the current St. Vincent definitives they had at the window.

Bob wrote about that situation when he returned from his visits to those Islands and Scott Publishing noted it. Scott then ceased listing the outer island stamps when collectors were asked to send

Scott any covers posted from these islands bearing the stamps with the island name. To date, Scott has yet to see one. If there has been a commercial usage of any stamps on mail posted from any of these islands, then Scott might consider them for listing. The Scott Catalog policy is as follows. "There will not list items not valid for postage, plain and simple policy. In addition the islands I listed for stamps with Palm Island, Young Island or Tobago Bay have never been listed by Scott Publishing. Only two issues were assigned Scott numbers were 2/28/2017 issues #4094 and 4095, but did not have their names on those stamps.

This is the last time I will make this known. The only time I will mention it is if Scott has decided to make a change to this policy. Before I listed these recent issues and penned this note, Scott Publishing has stated that this is yet their current policy.

Glenn Mertz, Author of Orinthology for the Biophilately Journal.

UNITED NATIONS - Geneva

2017, June 5 (World Environment Day) Set/2

A*

636 1.00fr Snowy Owl, *Bubo scandiacus*

Strigidae



About European Nature Protection - Amphibians

Reptiles and amphibians are species of freshwater and terrestrial vertebrates. Their scientific name is derived from the Greek "amphi bios" (double life). This name is based on the fact that most amphibian larvae are experiencing in the water, and after metamorphosis can live on land, but kept all his life near the water. Fire salamander (*Salamandra salamandra*) is the best known representative of the salamander, which lives on the western, central and southern Europe, to Asia Minor and Syria. Fire salamander is black with yellow spots of various sizes and shapes. The body is spindle-shaped, the tail is a little shorter than the hull. The transition from the head to the neck is slightly visible. The extremities are poorly developed and are moving slowly and sluggishly pushing legs body. On the surface smooth and shiny skin can be observed numerous glands that secrete a poisonous substance. Colorful salamanders grow to 20, rarely 25 cm. During the day spend their time hidden in damp places, such as moss, leaves, roots, rocks, etc.. In the evening, at night or early in the morning to leave their hiding places in search of food. They mate in the spring or summer. The mating ritual is performed on land or in shallow water.

Forest frog (*Rana dalmatina*) has a slim appearance, long limbs, and the muzzle is pointed. Because this type of long legs can jump up to 2 meters in length. Males are usually long and 6.5 centimeters, while females can grow up to 8 cm. Color the back of the frog is light brown, reddish brown or grayish brown color with no visible contrast. At the temples present dark brown triangles. Forest frogs are white on the stomach. Forest frogs prefer to live in mixed forests, where there is plenty of light and water. In certain cases they can tolerate the lack of water. This frog is widespread in France, southern Germany, Czech Republic, Austria, Hungary and the Balkans.

Authors: Nebojsa Djumic and Bozidar Dosenovic. Publisher: POSTE SRPSKE a.d. Banja Luka
<https://www.wopa-plus.com/en/stamps/product/&pid=52307>

New Birds in the Philatelic Aviary

By Charles E. Braun, BU 1364

Correction

In BP71 (1), change **GASTORNIS** to **GIANT GASTORNIS** to avoid confusion with the species below.

New Birds

SINORNIS, †*Sinornis santensis* †Enantiornithidae
Guinea, 2022, not yet cataloged, 60,000fr Upper left surrounds
Extinct; lived 115 million years ago
Length: 6 inches, sexes alike, resident. A very primitive toothed bird.
Habitat: Forest.
Range: China.
Reference: Chiappe and Witmer, Eds, The Discovery and Study of Mesozoic Birds in China. University of California, 2001.



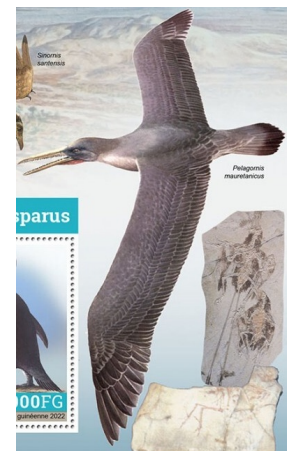
PARISIAN GASTORNIS, †*Gastornis parisiensis* †Gastornithidae
Guinea, 2022, not yet cataloged, 16,500fr
Extinct; lived 55 million years ago
Length: 5 feet, sexes alike, resident. A large flightless bird.
Habitat: Lowland flood plains.
Range: West and central Europe.
Reference: Marti, L. D. The Status of late Paleocene Birds Gastornis and Remeornis, Natural History Museum of Los Angeles County, Science Series 36.



COPEPTERYX, †*Copepteryx hexeris* †Plotopteridae
Guinea, 2022, not yet cataloged, 60,000fr
Extinct; lived 25 million years ago
Length: 55 inches, sexes alike, resident. A large flightless cormorant-like bird.
Habitat: Marine.
Range: Japan.
Reference: Mayr, Gerald. Paleogene Fossil Birds. 2009.



PELAGORNIS, †*Palegornis mauritanicus* †Pelagornithidae
Guinea. 2020, not yet cataloged, 60,000fr Right surrounds
Extinct; lived 2.5 million years ago
Wing span: 14 feet, sexes alike, resident. A very large albatross-like bird.
Habitat: Pelagic.
Range: Atlantic coast of Morocco.
Reference: Maurer-Chauvire, C. and D. Geraad. The Struthionidae and Pelagornithidae, Oryctos 7 2008.



NUBIAN NIGHTJAR, *Caprimulgus nubicus*
Caprimulgidae
Guinea-Bissau, 2021, not yet cataloged, 3250fr
Length: 9 inches, sexes similar, resident. Thinly streaked grayish, with heavily spotted wings and a white throat patch.
Habitat: Dry scrubland.
Range: Israel and Jordan to Yemen and Sudan to northeastern Uganda.
Reference: del Hoyo, J., A. Elliott and J. Sargatal, Eds. Handbook of the Birds of the World, Volume 5.

**SCISSOR-TAILED NIGHTJAR, *Hydropsalis torquata*** Caprimulgidae

Guinea-Bissau 2021, not yet cataloged. 1200fr

Length: 10 to 12 inches plus an 11-to-14-inch tail on the male, sexes similar but female has a short tail. Resident. Brown-streaked blackish brown above and buff-barred brown below, with a rufous collar.

Habitat: Forest, woodland and parks.

Range: Southern Surinam to eastern Bolivia and northern Argentina.

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

**WHITE-WINGED POTOO, *Nyctibius leucopterus*** Nyctibiidae

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

Length: 10 to 12 inches, sexes alike, resident. Dark brown, paler below, with large white wing patches.

Habitat: Canopy of lowland forest.

Range: Amazonian Brazil and Guyana.

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

**FELINE OWLET-NIGHTJAR, *Aegotheles insignis*** Aegothelidae

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

Length: 11 to 12 inches, sexes alike, resident. Mostly brown to rufous above and boldly streaked whitish below, with a white-striped crown.

Habitat: Montane forest and woodland.

Range: New Guinea mountains.

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

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

elegans Trochilidae Extinct late 1800s

Guinea-Bissau, 2021, not yet cataloged, 3300fr surrounds

Length: 4 inches, sexes similar, resident, Green, with dark wings and tail.

Habitat: Islands.

Range: Jamaica and Bahamas.

Reference: BirdLife International (2012) "Chlorostilbon elegans" Red List of Threatened Species.

**GREEN-TAILED EMERALD, *Chlorostilbon aliciae* (*phaeton* on the stamp)**

Trochilidae

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

Length: 4 inches, resident, The male (shown on the stamp) is green, with bronzy-green wing coverts; the female is pale gray below.

Habitat: Forest edges, second growth and plantations.

Range: Northern Venezuela.

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

SAPPHIRE-THROATED HUMMINGBIRD, *Chrysuronia coeruleogularis*

Trochilidae

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

Length: 3.5 inches, resident. The male (lower left) is shining green above and glittering green below, with a Violet-blue throat and chest and a coppery rump; the female (upper right) is grayish white below.

Habitat: Shrubs, forest edge, open groves and mangroves.

Range: Eastern Panama and northwestern Colombia.

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

**SLENDER-BILLED VULTURE, *Gyps tenuirostris*** Accipitridae

Kampuchea, 1983, #430 1r.

Length: 40 inches, sexes alike, resident. Dark brown with a whitish hindcollar and thighs.

Habitat: Open country.

Range: Kashmir to Vietnam and the northern Malay Peninsula.

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

**RUFOUS-THIGHED HAWK, *Accipiter striatus erythronemius*** Accipitridae

Liberia, 2022, not yet cataloged, \$850

Length: 12 inches, sexes similar, resident. Slate black to fuscous brown above and brown barred white below, with rusty flanks and black tail bars.

Habitat: Forest, woodland and semi-open areas.

Range: Southern Brazil to northern Argentina.

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

**CYPRUS SCOPS OWL, *Otus cyprius*** Strigidae

Cyprus, 2022, not yet cataloged, 0,64 euro

Length: 7 to 8 inches, sexes alike, resident. Dark gray-brown above and blackish-streaked brown below, with a gray facial disc.

Habitat: Open woodland.

Range: Cyprus.

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

**BEARDED SCREECH-OWL, *Megascops barbara*** Strigidae

Central African Republic, 2022, not yet cataloged, 3500fr upper surrounds

Length: 7 to 8 inches, sexes alike, resident. Brown or rufous above and densely-barred whitish below, with a dark-bordered pale facial disc.

Habitat: Highland forest.

Range: Southern Mexico and northern Guatemala.

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



BISMARCK BOOBOK, *Ninox variegata* Strigidae

Central African Republic, 2033, not yet cataloged, 1200fr

Length: 9 to 12 inches, sexes similar, resident. Chocolate or rufous-brown above and brown-barred whitish below, with a gray-brown head and white spots on the mantle, scapulars and wings.

Habitat: Forest.

Range: Bismarck Archipeligo

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

**LAGGAR FALCON, *Falco jagger*** Falconidae

Liberia, 2022, not yet cataloged, \$250

Length: 15 to 18 inches, sexes alike, resident. Gray-brown above and white below, with dark flank markings and a dark moustachial streak.

Habitat: Arid open country.

Range: Pakistan, India and northern Myanmar.

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

**YELLOW ROSELLA, *Platycercus flaveolus*** Psittaculidae

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

Length: 13 inches, sexes similar, resident. Yellow, with a black-spotted back, Bluewings 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.

**BROWN-BANDED ANTPITTA, *Grallaria milleri*** Formicariidae

Colombia, 2021, not yet cataloged, 5000p

Length: 6 inches, sexes alike, resident. Dark brown, with a pale gray throat and belly and a brown breast and flanks.

Habitat: Floor and undergrowth of humid forest.

Range: Central Andes of Colombia.

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

**EQUATORIAL ANTPITTA, *Grallaria saturata*** Formicariidae

Colombia, 2021, not yet cataloged, 5000p

Length: 6 inches, sexes like, resident. Rufous-brown, with a gray breast and belly.

Habitat: Floor and understory of humid montane forest.

Range: Andes of southern Colombia and northern Ecuador.

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

**CHAMI ANTPITTA, *Grallaria alcarazi*** Formicariidae

Colombia, 2021, not yet cataloged, 5000p

Length: 6 inches, sexes alike, resident. Rufous-brown, paler below.

Habitat: Floor and understory of humid montane forest and forest borders.

Range: Western Venezuela to central Bolivia.

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



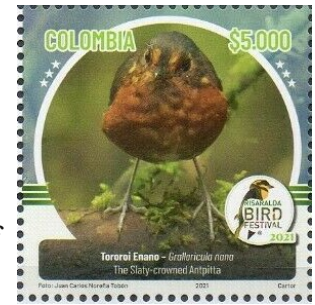
SLATE-CROWNED ANTPITTA, *Grallaricula nana* Formicariidae
Colombia, 2021, not yet cataloged, 5000p

Length: 4.5 inches, sexes alike, resident. Dark olive-brown above and backish-brown-scaled buff below, with a dark gray crown.

Habitat: Undergrowth of humid montane forest.

Range: Western Guyana to extreme northern Peru.

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



MOCKING CLIFF-CHAT, *Thamnolalaea cinnamomeiventris* Muscicapidae
Djibouti, 2022, not yet cataloged. 350fr

Length: 8 inches. resident. The male (shown on the stamp) is glossy black above and orange-rufous below; the female is dark gray above. Three subspecies are shown. The upper bird is

T. c. cinnamomeiventris, with a white shoulder patch. The middle bird

is *T. c. kardofanensis*, with a white crown. The lower bird is *T. c.*

coronatus, with a gray head and neck.

Habitat: Areas with rocks and trees.

Range: *T. c. cinnamomeiventris* ranges from eastern Botswana to Lesotho. *T. c. kardofanensis* is only in the mountains of central Sudan. *T. c. coronatus* ranges from northern Ivory Coast to western Sudan.



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

SOMALI SPARROW, *Passer castanopterus* Passeridae
Djibouti, 2022, not yet cataloged, 1000fr

Length: 5 inches, resident. The male (shown on the stamp) is bright chestnut above and off-white below, with a white face, black behind the eye, chin and throat and a gray lower back and rump; the female is brown above and light buffish below, with a buffish face.

Habitat: Dry areas with acacias.

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



Protected Fauna of the Black Sea

Romfilatelia continues the series of issues dedicated to Fauna and introduces into circulation on Friday, April 29th, this year, the postage stamps issue Protected fauna of the Black Sea.

Uniqueness of the Black Sea ecosystem and its species

The Black Sea has its own biological characteristics, with peculiarities due to the genesis and paleogeographic past of the Pontic basin, its geographical position and the hydrological characteristics of the tributary rivers. The smaller range of species, compared to the spectacular diversity of other seas and oceans, has given this semi-enclosed aquarium the description of the "impoverished pocket of the Mediterranean". At present, the Pontic ecosystem is in a fragile state of equilibrium, with prospects for gradual recovery, being home to many vulnerable species, with populations still under the sign of uncertainty.

<https://www.wopa-plus.com/en/stamps/product/&pgid=74259>





HERPETOLOGY

Editor Dick Roman, LM 83



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

New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ARMENIA				
2021 June 1 (Characters from Cartoon Lazy Huri) Single				
1260	70d	Stylized frog		
ASCENSION				
2021 November 9 (Blue Belt program, 5y) Set/8				
1240	£1	Green Sea Turtle, <i>Chelonia mydas</i>	Cheloniidae, Cheloniinae	A
1242c	£1	Same species (Without white frames)		
AUSTRIA				
2020 October 2 (Hygiea and Snake, Parliament) Single				
B406	315c+158c	Stylized snake		
BELGIUM				
2021 June 14 (Endangered Animals) Set/2				
2959		Sheet of 2		
2959b	€13.50	Common European Adder, <i>Vipera berus</i> ☠	Viperidae	A
BRAZIL				
2021 September 22 (Frogs) Set/5				
3468		Strip of a-e		
3468a	210r	Manaus Slender-Legged Treefrog, <i>Osteocephalus taurinus</i>	Hylidae, Hylinae	A
3468b	210r	<i>Ameerega flavopicta</i>	Dendrobatidae, Colostethinae	A
3468c	210r	<i>Boana buriti</i>	Hylidae	A
3468d	210r	<i>Pithecopus oreades</i>	Hylidae, Phyllomedusinae	A
3468e	210r	<i>Pithecopus hypochondrialis</i>	Hylidae, Phyllomedusinae	A
BULGARIA				
2021 September 21 (Jean La Fontaine) SS/1				
4985	3l	Sketch of an U/I herp		
2021 November 30 (Medical Academy of Military, Sofia 130y) Single				
4994	65s	Snake medical insignia		
CHRISTMAS ISLAND				
2021 August 10 (Turtles) Set/4, SS/4				
611	\$1.10	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A
612	\$1.10	Same species		
613	\$2.20	Green Sea Turtle, <i>Chelonia mydas</i>	Cheloniidae, Cheloniinae	A
614	\$2.20	Same species		
614a		Souvenir sheet of #611-614		
2021 November 1 (Christmas) Set/4, SS/2				
615	65c	U/I turtle snorkeling with Santa		
616	\$2.40	U/I turtle snorkeling with Santa		
616a		Souvenir sheet of #615-616		
617	\$2.40	U/I turtle snorkeling with Santa		
617a		Booklet pane of 5		
618	65c	U/I turtle snorkeling with Santa		
618a		Booklet pane of 10		

COLOMBIA		2020 November 27 (Colombian Parks)	Set/10
1556c	2000p Spectacled caiman, <i>Caiman crocodilus</i>	Alligatoridae	A
		2021 January 20 (Columbian Parks)	Set/8
1561g	2000p <i>Atelopus spurelli</i>	Bufoidea	A
		2021 August 5 (Coat of Arms)	Set/12
1574f	2000p U/I stylized herp on coat of arms		
		2021 August 20 (Regional Autonomous Corporation of Guavio)	Set/8
1577a	2000p Green dotted treefrog, <i>Dendropsophus molitor</i>	Hylidae	A
1577h	2000p Flat Andes Anole, <i>Anolis heterodermus</i>	Anolidae	A
COOK ISLANDS		2020 January 13 (Turtles)	Set/8 with white frames
1693	50c Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A
1694	\$1 Same species		
1695	\$5 Same species		
1696	\$7 Same species		
1697	\$10 Green Sea Turtle, <i>Chelonia mydas</i>	Cheloniidae, Cheloniinae	A
1698	\$20 Same species		
1699	\$30 Same species		
1700	\$34.70 Same species		
1701a-d	Like #1693-96. Block of 4 or Vert strip, Without white frames		
1701e	Souvenir sheet #1701a-d		
1702a-d	Like #1697-1700. Block of 4 or Vert strip, Without white frames		
1702a	Souvenir sheet #1702a-d		
COSTA RICA		2021 August 9 (Tourism)	Set/2
726b	610col SS U/I frog stylized		
CYPRUS		2021 July 8 (Natura 2000 Network of Protected Natural Areas)	Set/4
1359d	34c Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
DJIBOUTI		2021 August 9 (Turtles)	Set/4, SS/1
2502a	330fr Eastern Redbelly Turtle, <i>Pseudemys rubriventris</i>	Emydidae, Deirochelyinae	A
2502b	330fr Aldabra Giant Tortoise, <i>Aldabrachelys gigantea</i>	Testudinidae	A
2502c	330fr Pond Slider, <i>Trachemys scripta</i>	Emydidae, Deirochelyinae	A
	Spp. <i>elegans</i>		
2514	1000fr Common Snapping Turtle, <i>Chelydra serpentina</i>	Chelydridae	A
DOMINICAN REPUBLIC		2021 December 21 (Independence of Mexico, 200y)	Single
1697	200p U/I stylized snake		
ECUADOR		2020 (Lake Agrio)	Set/8
2250	Sheet of 8		
2250g	\$1 U/I turtle and butterfly		
ESTONIA		2021 September 16 (First Film Screening in Estonia, 125y)	Single
958	90c U/I snake image on film		
FRANCE		2021 May 21 (Endangered Animals)	Single
6027	€1.50 Stylized lizard		
		2021 July 8 (Jean de La Fontaine (1621-95), Fabulist)	SS/2
6066a	€2.16 Character from "The Frog and the Ox"		
GREECE		2020 December 2 (Campaign to stop Bullying)	Set/4
2938	€2 Stylized snake		

GUYANA**2020 September 30** (Caiman Lizard) Set/4, SS/1

4642a	\$400	Northern Caiman Lizard, <i>Dracaena guianensis</i>	Teiidae	A
4642b	\$400	Same species		
4642c	\$400	Same species		
4642d	\$400	Same species		
4643	\$800	SS Same species		

HONG KONG**2021 June 22** (Society for prevention of cruelty to animals) Set/6, SS/6

2164	\$3.40	Stylized turtle		
2167a		Souvenir sheet of 6 #32162-2167	Same species	

KAZAKHSTAN**2021 October 18** (Year of the Ox) SS/1

960	500te SS	Zodiac snake		
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2021 November 26 (Flora and Fauna of the Altyn-Emel Biosphere Reserve) SS/3

965	SS 600te	U/I lizard in margin		
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KOREA, SOUTH**2021 February 16** (Korean heritage items recently repatriated) Set/4

2586		Block or strip of 4		
2586a	380w	Turtle statue		

2021 May 31 (Protected Turtles) Set/4

2593		Block of 4		
2593a	380	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A
2593b	380	Loggerhead Sea Turtle, <i>Caretta caretta</i>	Cheloniidae	A
2593c	380	Leatherback Sea Turtle, <i>Dermochelys coriacea</i>	Dermochelyidae	A
2593d	380	Green Sea Turtle, <i>Chelonia mydas</i>	Cheloniidae, Cheloniinae	A

LIBERIA**2020 October 26** (Tropical Forest Animal Conservation) Set/6, SS/6, SS/1

3487	\$400	African Slender-snouted Crocodile, <i>Mecistops cataphractus</i>	Crocodylidae	A
3490a		Souvenir sheet of 6 #3485-90.	Same species	

MALAYSIA**2020 June 18** (Marine Life) Set/5, SS/1

1854	\$1.30	Hawksbill Sea Turtle, <i>Eretmochelys imbricata</i>	Cheloniidae	A
1859	\$5.00 SS	Same species		

MALDIVE ISLANDS**2018 May 17** (Turtles) Set/4, SS/1

4112a	20r	Spiny Softshell, <i>Apalone spinifera</i>	Trionychidae	A
4112b	20r	Florida softshell turtle, <i>Apalone ferox</i>	Trionychidae	A
		Cap: <i>Trionyx ferox</i>		
4112c	20r	Euphrates Soft-shelled Turtle, <i>Rafetus euphraticus</i>	Trionychidae	A
4112d	20r	Chinese Soft-shelled Turtle, <i>Pelodiscus sinensis</i>	Trionychidae	A
4127	60r	Spiny Softshell, <i>Apalone spinifera</i>	Trionychidae	A

2018 May 25 (Marine Scenes) Set/9

4137	15r	U/I turtle		
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2018 June 7 (Sea Snakes) Set//4, SS/1

4147a	20r	Yellowbelly Sea Snake, <i>Hydrophis platurus</i> ☠	Elapidae, Hydrophiinae	A
4147b	20r	Olive-brown Sea Snake, <i>Aipysurus laevis</i> ☠	Elapidae, Elapinae	A
4147d	20r	Yellow-lipped sea krait, <i>Laticauda colubrina</i> ☠	Elapidae, Laticaudinae	A
4147d	20r	Jerdon's sea snake, <i>Kerilia jerdonii</i> ☠	Elapidae	A
4162	60r	Yellowbelly Sea Snake, <i>Hydrophis platurus</i> ☠	Elapidae, Hydrophiinae	A

MALTA		2021 May 12 (Europa, Endangered Animals)	Set/2
1703	59c Mediterranean chameleon, <i>Chamaeleo chamaeleon</i>	Chamaeleonidae	A
1703a	Sheet of 5 with label		
1704	€2 Painted frog, <i>Discoglossus pictus</i>	Alytidae, Discoglossinae	A
NOTE: subspecies <i>D. pictus pictus</i> is only found on Malta			
MEXICO		2021 February 24 (Flag Day)	Single
3197	\$7.00 Tiny herp of Mexico flag		
NETHERLANDS		2021 January 4 (Heathland flora & fauna of Dwingeldderveld park)	Set/10
1620	Sheet of 10		
1620c	1 (96c) Sand Lizard, <i>Lacerta agilis</i>	Lacertidae	A
1620d	1 (96c) Slow Worm, <i>Anguis fragilis</i>	Anguinae, Diploglossa	A
1620i	1 (96c) Grass Snake, <i>Natrix natrix</i>	Colubridae	A
		2021 August 16 (Flora and Fauna of Haarzuilens Country Estate)	Set/10
1631	Sheet of 10		
1631g	1 (96c) Edible frog, <i>Pelophylax esculentus</i>	Ranidae	A
Note: This hybrid form displays a morphology intermediate between its parental species, the Pool Frog (<i>Rana lessonae</i>) and the Marsh Frog (<i>R. ridibunda</i>). This trait is revealed, in particular, in the values of some characters having identification value. When the shins are positioned perpendicularly to the body axis, the heels contact. Inner metatarsal tubercle 1.73-2.89 times shorter than the first toe. Dorsal coloration greyish-green, olive-green or green with dark spots which vary in size and number. Light middorsal line from snout to cloaca usually present. No temporal spot. Belly light, usually with dark spots. Male vocal sacs positioned behind the mouth angles and are grey. (Wikipedia)			
NEW CALEDONIA		2021 September 1 (New Pacific Franc coins)	Single
1278	180fr Stylized herp		
PAPUA NEW GUINEA		2021 (Saltwater crocodile)	Set/4, SS/4, SS/1
2018	1.60k Saltwater Crocodile, <i>Crocodylus porosus</i>	Crocodylidae	A
2119	5.00k Same species		
2120	6.90k Same species		
2121	20.00k Same species		
2021a	Souvenir sheet with #2018-2021		
2022	20.00k Same species		
PERU		2021 September 6 (Year of the Rat)	SS/1
2028	7.60s Zodiac snake		
ROMANIA		2020 November 19 (Crocodilians)	Set/4
6504	2.20l American Alligator, <i>Alligator mississippiensis</i>	Alligatoridae	A
6504a	Tete-beche pair		
6504b	sheet of 5 with label		
6505	2.70l Yacare caiman, <i>Caiman yacare</i>	Alligatoridae	A
6505a	Tete-beche pair		
6505b	sheet of 5 with label		
6506	5.00l Gharial, <i>Gavialis gangeticus</i>	Gavialidae	A
6506a	Tete-beche pair		
6506b	sheet of 5 with label		
6507	19.00l Cuban Crocodile, <i>Crocodylus rhombifer</i>	Crocodylidae	A
6507a	Tete-beche pair		
6507b	sheet of 5 with label		

RUSSIA	2021 August 24 (Campaign against COVID-19 pandemic) Single		
8289 24r	Medical snake image		
SERBIA	2021 September 13 (Diplomatic Relations with Mexico, 75y)	SS/2	
973b 88d SS	Tiny herp on flag of Mexico		
SRI LANKA	2021 July 27 (Diplomatic Relations with Singapore, 50y)	Set/2	
2274a 15r	U/I turtle in coral reef tiny		
SURINAM	2021 July 7 (Frogs)	Set/4	
1631	Block of 4, a-d		
1631a \$25	<i>Hyloscirtus tigrinus</i>	Hylodidae	A
1631b \$39	<i>Hypsiboas rosenbergi</i>	Hylodidae	A
1631c \$40	Harlequin Tree Frog, <i>Rhacophorus pardalis</i>	Hylodidae	A
1631d B (\$51)	<i>Heterixalus alboguttatus</i>	Hylodidae	A
TUNISIA	2021 May 20 (Street Art)	Set/4	
1751 750m	U/I Stylized frog		
UNITED NATIONS			
New York	2021 October 11 (UN Biodiversity Conference, Kunming, PR China)	SS/3	
1282 SS	n/a U/I frog and U/I turtle and U/I snake in margin		
Geneva	2022 March 18 (Endangered species)	Set/4	
715 1.50fr	Union Island Clawed Gecko, <i>Gonatodes daudini</i>	Sphaerodactylidae	A
717 1.50fr	Polkadot poison frog, <i>Oophaga arborea</i>	Dendrobatidae, Dendrobatinae	A

Malta's Europa 2021 Endangered National Wildlife

The MaltaPost issue consists of two stamps featuring the Mediterranean Chameleon and the Painted Frog by photographer Sean Dingli.

The Mediterranean Chameleon

Chameleons are known for their ability to change their skin colour and shooting their tongue to capture insects. There are around 85 species of chameleons around the world. Most of these species may be found in Africa and Madagascar. In Malta, we have one species, known as the Mediterranean Chameleon with a skin colour varying between yellow and brown through green to a dark brown. Chameleons maintain their territory on trees and live a solitary lifestyle.

Chameleons are not endemic to Malta, and they are thought to have been brought from North Africa by Jesuit priests in the 19th century and released in St Ignatius College in St. Julian's. The Mediterranean Chameleon has managed to gain a foothold and survive here and nowadays may be found all over the Maltese Islands.

The Painted Frog

The species found in Malta is known as the Painted Frog, a dark olive-green coloured species with a whitish belly. Frogs are typically sighted in open spaces such as Buskett woodland (Wied il-Luq), Chadwick Lakes (Wied il-Qlejgha) and at times also in open fields. Frogs are amphibians since they start their lives in water and eventually may also live on land. They mainly feed on worms and insects.

The Painted Frog is endemic to Malta and can survive the harshest summers and droughts by hiding and hibernating in shady and more humid places usually buried deep into soil, cracks and rubble. A decline in its population has been observed throughout the years due to the limited countryside in Malta. This species of frog is strictly protected by national legislation.

<https://www.wopa-plus.com/en/stamps/product/&pgid=67669>





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 February 2022 to the April 2022 issue.

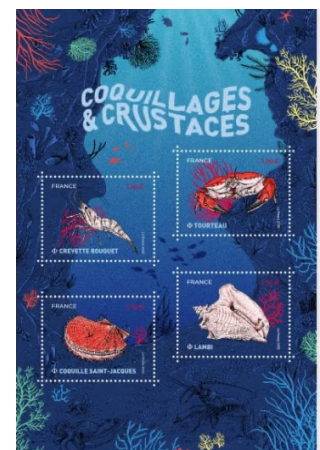
New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ASCENSION				
2021 November 9 (Blue Belt Program, 5th Anniversary) Set/4, SS				
1241, 1242d	£1	White Striped Cleaner Shrimp, <i>Lysmata amboinensis</i>	Lysmatidae	A
BOSNIA & HERZOGOVINA				
2021 March 25				
841	2.50m	Burgundy Snail, Escargot, <i>Helix pomatia</i>	Helicidae	A
BRITISH ANTARCTIC TERRITORY				
2021 November 23 (Blue Belt Program) Set/4, SS/1				
614, 617b	68p	Krill (species not clear)	Euphausia	A
616, 617d	£1.35	Brittle Star, <i>Astrohamma tuberculatum</i>	Gorgonocephalidae	A
FIJI				
2019, September 16 (Fish) Set/4				
1422-1425		Various Groupers with coral in background	Indeterminate	B
IRELAND				
2021 May 6 (Europa Endangered Animals) Set/2				
2310	W (€1.70)	Freshwater Pearl Mussels, <i>Margaritifera margaritifera</i>	Margaritiferidae	A
JAPAN				
2021 June 1 (Definitives) Set/20				
4507h	¥63	Starfish, Shells and Coral (stylized)	Indeterminate	S
S. GEORGIA & S. SANDWICH ISLANDS				
2021 October 28 (Blue Belt Program) Set/4, SS/1				
655, 656d	£1.25	Benthos (view of cold-water corals and sea urchins)	Indeterminate	A
SRI LANKA				
2021 July 27 (Diplomatic Relations with Singapore 50y) Set/2, SS/1				
2273, 2272a, 2274a	15r	Coral Reef Restoration (various species) ¹	Indeterminate	U
TRISTAN DA CUNHA				
2021 November 29 (Blue Belt Program) Set/4, MS				
1231, 1235a	45p	Tristan Lobster, <i>Jasus paulensis</i>	Painuridae	A
1234, 1235d	£2.10	Coral	Indeterminate	U

Notes

¹Announcement about the Singapore-Sri Lanka joint issue:
<http://bizenglish.adaderana.lk/joint-stamp-launches-in-sri-lanka-and-singapore-to-commemorate-50-years-of-diplomatic-ties/>

Some Upcoming Issues that may be of interest:
 France (2/21/2022) – Shellfish and Crustaceans. Picture courtesy of Wopaplus.com.





ENTOMOLOGY

Editors

Don Wright BU 243
and Jose Reis BU 1889



New Listings

Scott#	Denom	Common Name/Scientific Name	Family/Subfamily	Code
ANTIGUA & BARBUDA 2022.				
a,	\$5.	Shining Leaf Beetle, <i>Rutela laeta</i> Weber	SCA, Rutelinae	A
b,	\$5.	Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	A
c,	\$5.	<i>Melanoplus</i> sp.	ACR, Melanoplinae	A
d,	\$5.	Gopher Beetle, <i>Ceratophyus gopherinus</i> Cartwright	GEOT, Geotrupinae	A
		Margin UL: House fly, <i>Musca domestica</i> L.	MUS, Muscinae	Z
CARIBBEAN NETHERLANDS - BONAIRE 2022 April 1				
a,	88c.	Brazilian Skipper, <i>Calpododes ethlius</i> Stoll	HES, Hesperinae	A
b,	88c.	3-Spot Grass Yellow, <i>Eurema blanda</i> Boisduval	PIE, Coliadae	A
c,	88c.	Tropical White, <i>Appias drusilla</i> Cramer	PIE, Pierinae	A
d,	88c.	Tropical Buckeye, <i>Junonia genoveva</i> Cramer	NYM, Nymphalinae	A
e,	150c.	Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	A
CARIBBEAN NETHERLANDS - SABA 2022 April 1				
a,	88c.	Orcus Checkered Skipper, <i>Pyrgus orcus</i> Stoll	HES, Pyrginae	A
b,	88c.	Bald Duskywing, <i>Erynnis afranius</i> Lintner	HES, Pyrginae	A
c,	88c.	Fiery Skipper, <i>Hylephila phyleus</i> Drury	HES, Hesperinae	A
d,	88c.	Purple-washed Skipper, <i>Panoquina lucas</i> Fabr.	HES, Hesperinae	A
e,	150c.	Zebra Longwing, <i>Heliconius charithonia</i> L.	NYM, Heliconiinae	A
CARIBBEAN NETHERLANDS - ST. EUSTATIUS 2022 April 1				
a,	88c	Acis Hairstreak, <i>Strymon acis</i> Drury	LYC, Theclinae	A
b,	88c	Cloudless Sulfur, <i>Phoebis sennae</i> L.	PIE, Coliadae	A
c,	88c	Fiery Broken Dash, <i>Wallengrenia otho ophites</i> Mabille	NYM, Heliconiinae	A
d,	88c	Manuel's Skipper, <i>Polygonus savigny</i> Latreille	HES, Pyrginae	A
e,	150c	Cloudless Sulfur, <i>Phoebis sennae</i> L.	PIE, Coliadae	A
ECUADOR 2020 (Lake Agrio)				
2250g	\$1	Gulf Fritillary, <i>Agraulis vanillae</i> L. On turtle's nose	NYM, Heliconiinae	C
FINLAND				
Åland Islands 2022 February 1				
€2		Stylized Dragonfly and ship ATM stamp	Odonata	B
FRANCE 2020 March 6 (Curiosities)				
d,	(Green Letter)	African Monarch, <i>Danaus chrysippus</i> L.	NYM, Danainae	B
2021 May 5. (Europa)				
6027	€1.50	Scarce Heath, <i>Coenonympha hero</i> L.	NYM, Satyrinae	A
2021 July 12 (Fontaine Fables)				
2x€2.16		Margin R: Stylized Ant & Grasshopper	FOR & Orthoptera	CZ
2021 September 17. (Sustainable Environment)				
6094d	4x€1.08.	5 tiny Butterflies. Also in margins	Lepidoptera	C Z

GERMANY		2021 October 7 (Mural in Thionville, France) Single	
3240	155c 11 Butterflies. From top down – L, M, R columns		
Left:	1. Butterfly	U/I	B
	2. Postman, <i>Heliconius melpomene</i> L.	NYM, Heliconiinae	B
	3. Butterfly	U/I	B
	4. Large Orange Sulfur, <i>Phoebis agarithe</i> Boisduval	PIE, Coliadinae	B
Mid:	5. Blue Morpho, <i>Morpho rhetenor</i> Cramer	NYM, Morphinae	B
	6. Macleay's Swallowtail, <i>Graphium macleayanus</i> Leach	PAP, Papilioninae	B
	7. Green Page, <i>Urania leilus</i> L.	URA, Uraniinae	B
Right:	8. Butterfly	U/I	B
	9. Butterfly	U/I	B
	10. Butterfly	U/I	B
	11. Red-spotted Swallowtail, <i>Papilio anchisiades</i> Esper	PAP, Papilioninae	B
ISRAEL		2022 March 20 S/T of 20. Re-print of 2011 & 2020 s/t, different margins	
a	(2.60s) Syrian Swallowtail, <i>Papilio machaon syriacus</i> Verity	PAP, Papilioninae	A
b	(2.60s) Red Admiral, <i>Vanessa atalanta</i> L.	NYM, Nymphalinae	A
c	(2.60s) Caper White, <i>Belenois aurota</i> Fabr.	PIE, Pierinae	A
d	(2.60s) Tawny Silverline, <i>Cigaritis acamas acamas</i> Klug	LYC, Theclinae	A
e	(2.60s) African Monarch, <i>Danaus chrysippus chrysippus</i> L.	NYM, Danainae	A
f	(2.60s) Zeller's Blue, <i>Polyommatus icarus zelleri</i> Verity, also in margin	LYC, Polyommatae AZ	
IVORY COAST		1988 September 24 ("Local Artists")	
	155fr "The Termite Hill", painting by Mathilde Moro	Termitidae	S
JAPAN		2021 June 1	
4508f	¥84 Watermelon slice and Beetle	Coleoptera	B
KOREA, SOUTH		2021 November 10	
2611	4.30w Perforation in shape of Butterfly at ML & MR on all stamps	Lepidoptera	C
LIBERIA		2020 October 26 (Bee-eater Birds) (Stamperija LIB-200417b)	
3495	\$1200 No insect	-	
	Margin UR: <i>Bombus</i> sp., in bird's beak	API, Apinae	Z
		2020 October 26 (Stamperija LIB-200414a&b) Set/4, SS/1	
3496a	\$300 Tawny Mining Bee, <i>Andrena fulva</i> Mueller	AND, Andreninae	A
3496b	\$300 Giant Honeybee, <i>Apis dorsata</i> Fabr.	API, Apinae	A
3496c	\$300 Gray Mining Bee, <i>Andrena cineraria</i> L.	AND, Andreninae	A
3496d	\$300 Eastern Carpenter Bee, <i>Xylocopa virginica</i> L.	API, Xylocopinae	A
3510	\$1200 Red Mason Bee, <i>Osmia bicornis</i> L.,	MEG, Megachilinae	A
	Margin UL: Early Bumblebee, <i>Bombus pratorum</i> L.	API, Apinae	Z
	UR: Western Honeybee, <i>Apis mellifera</i> L.	API, Apinae	Z
	LR: Brown Bumblebee, <i>Bombus pascuorum</i> Scopoli,	API, Apinae	Z
		2020 October 26 (Stamperija LIB-200415a&b) Set/4, SS/1	
3501a-d	4x\$300 Malaria Mosquito, <i>Anopheles</i> sp.	CUL, Anophelinae	B
3515	\$1200 No insect.	-	
	Margins: Malaria Mosquito, <i>Anopheles</i> sp.	CUL, Anophelinae	Z
		2020 November 30 (Stamperija LIB-200510a&b1&2) Set/4, 2xSS/1	
3578a	\$300 Checkered White, <i>Pontia protodice</i> Boisduval & Leconte	PIE, Pierinae	A
3578b	\$300 Clouded Sulfur, <i>Colias philodice</i> Godart	PIE, Coliadinae	A
3578c	\$300 Flambeau, <i>Dryas iulia</i> Fabr.	NYM, Heliconiinae	A
3578d	\$300 Pearl Crescent, <i>Phyciodes tharos</i> Drury	NYM, Nymphalinae	A

LIBERIA (continued)

3604	\$1200	Reverdin's Blue, <i>Plebejus argyrognomon</i> Bergstrasser, ♂	LYC, Polyommatae	A
		Margin: Little Copper, <i>Lycaena phlaeas</i> L.	LYC, Lycaeninae	Z
3605	\$1200	Bronze Copper, <i>Lycaena hyllus</i> Cramer	LYC, Lycaeninae	Z
		Margin: Tiger Longwing, <i>Heliconius hecale</i> Fabr.	NYM, Heliconiinae	Z
2020 November 30 (Stamperija LIB-200509a, b1-2) Set/3, 2xSS/1				
3579a	\$300.	Blue Bottle Fly, <i>Calliphora vomitoria</i> L.	CALL, Calliphorinae	B
3579c	\$300	Harnessed Moth, <i>Apantesis phalerata</i> Harris	ARC, Arctiinae	B
3606	\$1200	Mushroom, no insect	-	
		Margin Top: Magnificent Ladybird, <i>Coccinella magnifica</i> Redtenbacher	COC, Coccinellinae	Z
		Bottom: Chinese Grasshopper, <i>Acrida cinerea</i> Thunberg	ACR, Acridinae	Z
3607	\$1200	Mushroom, no insect	-	
		Margin: 4-Spotted Skimmer, <i>Libellula quadrimaculata</i> L.	LIB, Libellulinae	Z
2021 February 1 (Stamperija LIB-210113a&b) Set/4, SS/1				
3667a	\$300	Dark Blue Tiger, <i>Tirumala septentrionis</i> Butler	NYM, Danainae	A
3667b	\$300	Speckled Wood White, <i>Pararge aegeria</i> L.	NYM, Satyrinae	A
3667c	\$300	Large Blue, <i>Maculinea arion</i> L.	LYC, Polyommatae	A
3667d	\$300	Brimstone, <i>Gonepteryx rhamni</i> L.	PIE, Coliadinae	A
3677	\$1200	Old World Swallowtail, <i>Papilio machaon</i> L.	PAP, Papilioninae	A
		Margin LL: Monarch, <i>Danaus plexippus</i> L.	NYM, Danainae	Z
		LR: Pipevine Swallowtail, <i>Battus philenor</i> L.	PAP, Papilioninae	Z

NETHERLANDS**2022 February 21**(96c) Hairy Dragonfly, *Brachytron pratense* Mueller AES, Brachytroninae A**2022 February 21**b, (96c) Tiny Bumblebee, *Bombus* sp. API, Apinae C

c, (96c) Butterfly NYM, Nymphalinae B

d, (96c) Peacock, *Nymphalis io* L. NYM, Nymphalinae C

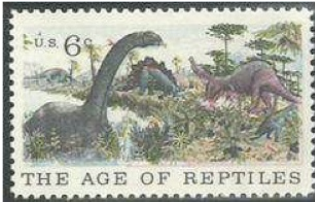
e, (96c) Swordtail PAP, Papilioninae B

Margin MR: Old World Swallowtail, *Papilio machaon* L. PAP, Papilioninae ZLR: Virgin Tiger Moth, *Grammia virgo* L. ARC, Arctiinae Z**2022 February 28**1st Western Honeybee, *Apis mellifera* L. API, Apinae A**SWITZERLAND****2022 March 3**180c Buff-tailed Bumblebee, *Bombus terrestris* L. API, Apinae A**TAJIKISTAN****2022**0.20s *Hyposcada virginiana* Hewitson NYM, Danainae A0.30s Red-spotted Purple, *Limenitis arthemis astyanax* Fabr. NYM, Limenitidinae A7s Great Southern White, *Ascia monuste* L. PIE, Pierinae A**UKRAINE****2022 February 25**c V Violet Carpenter Bee, *Xylocopa valga* Gerstaecker API, Xylocopinae A**UNITED NATIONS****Vienna****2022 March 18** (Endangered Animals) Set/4a €1 Satanas beetle, *Dynastes satanas* SCA, Dynastinae 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

- BURUNDI** 2022-1-15. (Stamperija BUR-2201063a&b). Butterflies. S/S of 2 & sheet single
 2022-1-15. (Stamperija BUR-2201064a,b&f). Butterflies. S/S of 2 & sheet single
 2022-1-15. (Stamperija BUR-2201065a&b). Butterflies. S/S of 2 & sheet single
 2022-1-15. (Stamperija BUR-2201073a&b). Bees. S/S of 2 & sheet single
 2022-1-15. (Stamperija BUR-2201074a,b&f). Bees. S/S of 2 & sheet single
 2022-1-15. (Stamperija BUR-2201075a&b). Honeybee. S/S of 2 & sheet single
 2022-1-15. (Stamperija BUR-2201165a-e). Butterflies. S/T of 5
 2022-1-15. (Stamperija BUR-2201167a-e). Bees. S/T of 5
- CENTRAL AFRICA.** 2021-11-30. (Stamperija CA-210711a&b). Butterflies. S/T of 4 & s/s of 1
 2021-11-30. (Stamperija CA-210712a&b). Beetles. S/T of 4 & s/s of 1
 2021-12-20. (Stamperija CA-210814a&b). Butterflies. S/T of 4 & S/S of 1
 2022-02-10. (Stamperija CA-220110a&b). Butterflies. S/T of 3 & S/S of 1
 2022-02-10. (Stamperija CA-220111a&b). Wasps. S/T of 3 & S/S of 1
 2022-02-10. (Stamperija CA-220112a&b). Beetles. S/T of 3 & S/S of 1
- CHAD** 2021-11-30. (Stamperija TCH-210516a&b). Wasps. S/T of 4 & S/S of 1
 2021-12-20. (Stamperija TCH-210607a&b). Butterflies. S/T of 4 & S/S of 1
 2021-12-20. (Stamperija TCH-210608a&b). Bees. S/T of 4 & S/S of 1
 2021-12-20. (Stamperija TCH-210618a). Butterfly, s-o-s. S/T of 4
 2021-12-20. (Stamperija TCH-210619a&b). Butterfly in bird's beak. S/T of 4 & S/S of 1
- DJIBOUTI** 2021-12-20. (Stamperija DJB-210606a&b). Butterflies. S/T of 4 & S/S of 1
 2022-01-24. (Stamperija DJB-220109a&b1-2). Butterflies. S/T of 3 & 2xS/S of 1
- GUINEA** 2022-1-25. (Stamperija GU-220108a&b). Butterflies. S/T of 4 & S/S of 1
 2022-1-25. (Stamperija GU-220109a&b). Butterflies. S/T of 4 & S/S of 1
 2022-1-25. (Stamperija GU-220110a&b). Wasps/Bees. S/T of 4 & S/S of 1
 2022-1-25. (Stamperija GU-220111a&b). Insects. S/T of 4 & S/S of 1
- GUINEA-BISSAU** 2021-11-30. (Stamperija GB-210517a&b). Moths. S/T of 4 & S/S of 1
 2021-11-25. (Stamperija GB-210611a&b1-b4). Butterflies. Single & 4xS/S of 1
 2021-11-25. (Stamperija GB-210612a&b1-b4). Bees. Single & 4xS/S of 1
 2021-12-10. (Stamperija GB-210706a-c). Dragonfly. S-O-S. S/T of 3 & S/S of 1
 2021-12-10. (Stamperija GB-210715a&b). Moths. S/T of 3 & S/S of 1
 2021-12-10. (Stamperija GB-210716a&b). Beetles. S/T of 3 & S/S of 1
 2021-12-20. (Stamperija GB-210803a). Cat with Butterfly. S/T of 3
 2021-12-20. (Stamperija GB-210807a&b1&2). Butterflies. S/T of 3 & 2xS/S of 1
 2021-12-20. (Stamperija GB-210808a&b1&2). Bees. S/T of 3 & 2xS/S of 1
 2021-12-20. (Stamperija GB-210818b2). Butterfly, Scout, mushrooms. S/S of 1
- KYRGYZSTAN** 2021-12-31. (Stamperija KYR2109). Insect larva in woodpecker's beak
- LIBERIA** 2022-1-5. (Stamperija LIB-220112a & b1&2). Butterflies. S/T of 4 & 2xS/S of 1
 2022-1-5. (Stamperija LIB-220113a & b1&2). Insects. S/T of 4 & 2xS/S of 1
- ST. THOMAS & PRINCE IS.** 2021-12-20. (Stamperija ST-210701a&b). Honeybee. S/T of 4 & S/S of 1
 2021-12-20. (Stamperija ST-210704a&b). Butterflies. S/T of 4 & S/S of 1
 2021-12-20. (Stamperija ST-210705a&b). Butterflies. S/T of 4 & S/S of 1



PALEONTOLOGY

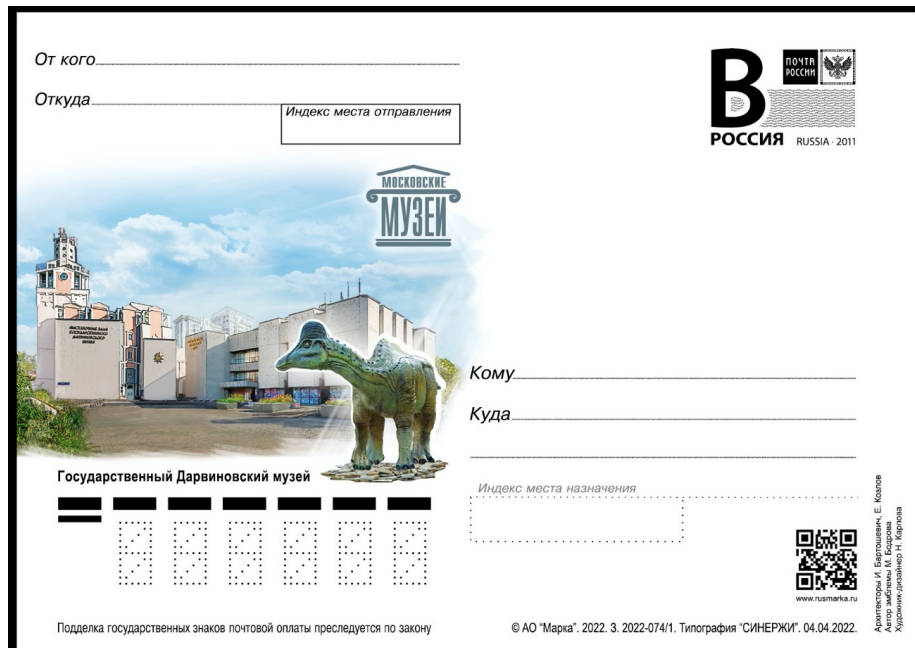
Editor
Michael Kogan, BU 1863

New Listings

Postal stationery



Russia 2022 April 20 “Darwin Museum in Moscow“ (prestamped postcard of domestic rate)
Dinosaur *Amurosaurus riabinini* shown in the front of the Darwin Museum in Moscow.



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 !

Future issues

2022 September 9 - Slovakia - set of 2 stamps "Nature Protection: Important Fossils from Slovakia": Gastropod *Vexillum svagrovskyi* and Seal *Devinophoca claytoni*.

2022 November 2 - Suriname - set of 5 stamps "Dinosaurs".

November: Poland - set of 3 stamps "Dinosaurs".

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



BEYOND THE CATALOGS

Armenia

08 04 2022 "Flora and fauna of the ancient world (VI)" 2x 220 Dram. *Triceratops* and *Liopleurodon*
http://www.paleophilatelie.eu/description/stamps/armenia_2022.html

French Polynesia

19 04 2022 "140 years since death of Charles Darwin" 1x 500F
http://www.paleophilatelie.eu/description/stamps/french_polynesia_2022.html

-----**Stamperija**-----

CENTRAL AFRICAN REP.

10 02 2022 Fossils (*Myripristis homopterygius*; *Beryx zippei*; *Myripristis leptacanthus*) [3x 1200 FCFA+3 tabs]

Fossils (*Cynodon gibbus*) Background info: *Platax macropterygius* [s/s 3600 FCFA]

20 12 2021 Dinosaurs (*Carcharodontosaurus saharicus*; *Nodosaurus textilis*; *Coelophysis bauri*; *Pachyrhinosaurus canadensis*) [4v 4000 FCFA]

Dinosaurs (*Cryolophosaurus ellioti*) Background info: *Gastonia burgei*, *Carcharodontosaurus iguidensis* [s/s 3300 FCFA]

30 11 2021 Prehistoric water animals (*Stenopterygius quadriscissus*; *Henodus chelyops*; *Plesiosaurus dolichodeirus*; *Elasmosaurus platyurus*) [Set 4v - 2000 F]

Prehistoric water animals (*Utatusaurus hataii*) Background info: *Peloneustes philarchus*, *Mosasaurus hoffmannii* [s/s 3600 FCFA]

CHAD

20 12 2021 Fossils (*Trionyx planus*; *Glossochelys planimentum*; *Puppigerus breviceps*; *Puppigerus crassicostata*) Background info: *Mantellisaurus atherfieldensis* [4v 3200 F]

Fossils (*Megalosaurus bucklandii*) Background info: *Mantellisaurus atherfieldensis* [s/s 3300 F]

Flying dinosaurs (*Sordes pilosus*; *Rhamphorhynchus muensteri*; *Anhanguera piscator*; *Eudimorphodon ranzii*) Background info: *Anurognathus ammoni*, *Sordes pilosus* [4v 3200 F]

Flying dinosaurs (*Pterodactylus longicaudus*) Background info: *Sordes pilosus*, *Anurognathus ammoni* [s/s 3300 F]

30 11 2021 Dinosaurs (*Nedoceratops hatcheri*; *Irritator challengerii*; *Tyrannosaurus rex*; *Probactrosaurus gobiensis*) [4v 3200 F]

Dinosaurs (*Velociraptor mongoliensis*) Background info: *Peteinosaurus zambelli*, *Velociraptor mongoliensis* [s/s 3300 F]

Prehistoric humans (*Homo neanderthalensis*; *Australopithecus africanus*; *Homo erectus*) [4v 3200 F]

Prehistoric humans (Cro-Magnon Man) [s/s 3300 F]

DJIBOUTI

24 01 2022 Fossils (*Cycadopteris heterophylla*; *Perca lepidota*; *Hyloplezion longicostatum*) [3x 350FD]

Fossils (*Cyclopoma spinosum*) Background info: *Hymenophyllites macrophyllus*, *Hymenophyllites erenulatus*, *Aegoceras armatum* [s/s 1000FD]

Fossils (*Microbrachis pelicani*, *Microbrachis mollis*) Background info: *Cyclopoma gigas* [s/s 1000FD]

Flying dinosaurs (*Quetzalcoatlus northropi*; *Batrachognathus volans*; *Pteranodon ingens*) [3x 350FD]

Flying dinosaurs (*Dimorphodon macronyx*) [s/s 1000FD]

Flying dinosaurs (*Sordes pilosus*) Background info: *Pterodaustro guinazui* [s/s 1000FD]

20 12 2021 Dinosaurs (*Bactrosaurus johnsoni*; *Massospondylus carinatus*; *Alectrosaurus olseni*; *Haplocanthosaurus priscus*) Background info: *Tyrannosaurus rex*, *Ankylosaurus magniventris* [4v 1000FD]

Dinosaurs (*Tyrannosaurus rex*) Background info: *Quetzalcoatlus northropi*, *Pachycephalosaurus wyomingensis*, *Sinornithoides youngi*, *Ankylosaurus magniventris* [s/s 1000FD]

GUINEA

25 01 2022 Dinosaurs (*Erlikosaurus andrewsi*; *Dilophosaurus wetherilli*; *Plateosaurus trossingensis*; *Daspletosaurus torosus*) [4x 16500FG]

Dinosaurs (*Panoplosaurus mirus*) Background info: *Cetiosaurus oxoniensis*, *Ornitholestes hermanni* [s/s 60000FG]

GUINEA-BISSAU (Guiné-Bissau)

20 12 2021 Dinosaurs (*Edmontosaurus annectens*; *Tyrannosaurus rex*; *Maiasaura peeblesorum*) M/S x3 1200 FCFA]

Background info: *Allosaurus fragilis*, *Apatosaurus ajax* [3v 3600 FCFA] S/S

Dinosaurs (*Gryposaurus notabilis*) Background info: *Pteranodon longiceps*, *Chasmosaurus belli* [s/s 3250 FCFA]

Dinosaurs (*Euskelosaurus browni*) Background info: *Tyrannosaurus rex* [s/s 3250 FCFA]

10 12 2021 Fossils (*Haidingeria latifolia*; *Omosaurus perplexus*; *Chondrosteosaurus gigas*) Background info: *Puppigerus crassicostata* [3v 3300 FCFA]

Fossils (*Iguanodon bernissartensis*) Background info: *Megalosaurus bucklandii*, *Voltzia heterophylla* [s/s 3300 FCFA]

Flying dinosaurs (*Pteranodon longiceps*; *Dsungaripterus weii*; *Anhanguera blittersdorffi*) Background info: *Dimorphodon macronyx* [3v 3300 FCFA]

Flying dinosaurs (*Cearadactylus atrox*) Background info: *Quetzalcoatlus northropi*, *Dsungaripterus weii* [s/s 3300 FCFA]

Prehistoric water animals (*Mesosaurus tenuidens*; *Mixosaurus cornalianus*; *Peloneustes philarchus*) Background info: Nautiloids [3v 3300 FCFA]

Prehistoric water animals (*Psammolepis alata*, *Drepanaspis gemuendenensis*) Background info: *Stenopterygius quadriscissus*, *Xenacanthus decheni* [s/s 3300 FCFA]

25 11 2021 Dinosaurs (*Ornithocheirus simus*) M/S 4 x 1v - 4000 FCFA

Dinosaurs (*Tyrannosaurus rex*) Background info: *Triceratops horridus*, *Dilophosaurus wetherilli* [s/s 2000 FCFA]

Dinosaurs (*Yangchuanosaurus shangyouensis*) Background info: *Triceratops horridus*, *Dilophosaurus wetherilli* [S/S 2000 FCFA]

Dinosaurs (*Allosaurus fragilis*) Background info: *Triceratops horridus*, *Dilophosaurus wetherilli* [s/s 2000 FCFA]

Dinosaurs (*Parasaurolophus walkeri*) Background info: *Triceratops horridus*, *Dilophosaurus wetherilli* [s/s 2000 FCFA]

LIBERIA

05 01 2022 Fossils (*Bothriospondylus suffossus*; *Omosaurus perplexus*; *Omosaurus perplexus*; *Iguanodon bernissartensis*) [4x 250\$]

Fossils (*Iguanodon mantelli*) Background info: *Chelone crassicostata*, *Chelone longiceps* [s/s 850\$]

Fossils (*Iguanodon mantelli*) Background info: *Chelone crassicostata*, *Chelone longiceps* [s/s 850\$]

Dinosaurs (*Heterodontosaurus tucki*; *Staurikosaurus pricei*; *Lexovisaurus durobrivensis*; *Piatnitzkysaurus floresii*) [4v 1000\$]

Dinosaurs (*Ceratops horridus*) [s/s 850\$]

Dinosaurs (*Albertosaurus sarcophagus*) Background info: *Albertosaurus sarcophagus*, *Ceratosaurus nasicornis*, *Daspletosaurus torosus* [s/s 850\$]

MOZAMBIQUE (Moçambique)

30 12 2021 Fossils (*Trilobita sp.*; *Lycoptera sp.*; *Aceratherium aralense*; *Mammuthus sp.*) [Set 4v 528 MT]

Fossils (*Trilobita sp.*; *Lycoptera sp.*) Background info: *Mammuthus primigenius* [2v 264 MT]

Fossils (*Aceratherium aralense*; *Mammuthus sp.*) Background info: *Trilobita sp.*, *Ammonoidea sp.* [2v 264 MT]

Dinosaurs (*Achelousaurus horneri*; *Cryolophosaurus ellioti*; *Gargoyleosaurus parkpinorum*; Ichthyosaur) [Set 4v 528 MT]

Dinosaurs (*Gargoyleosaurus parkpinorum*; Ichthyosaur) Background info: Pterosaur, *Tyrannosaurus* skull, *Huayangosaurus tabaii* [2v 264 MT]

Dinosaurs (*Achelousaurus horneri*; *Cryolophosaurus ellioti*) Background info: *Pteranodon*, *Mapusaurus roseae*, *Ankylosaurus magniventris* [2v 264 MT]

SÃO TOMÉ AND PRÍNCIPE (São Tomé e Príncipe)

30 11 2021 Flying dinosaurs (*Sordes pilosus*) Background info: *Dimorphodon macronyx* [s/s Db 124

Flying dinosaurs (*Scaphognathus crassirostris*; *Dimorphodon macronyx*; *Pteranodon longiceps*; *Dsungaripterus weii*)

30 12 2021 Fossils (*Hyloplezion longicostatum*; *Smerdis micracanthus*; *Pecopteris serrata*; *Amaltheus oxynotus*) [4v Db 140,00]

Fossils (*Beryx ornatus*) Background info: *Hymenophyllites leckenby*, *Pecopteris denticulata*, *Seelya pussila*, *Pecopteris recentior* [s/s Db 140,00]

Prehistoric humans (*Homo erectus*; *Homo neanderthalensis*; *Homo sapiens*, Reindeer Hunters) [4v Db 140,00]

Prehistoric humans (*Homo erectus*) Background info: *Homo sapiens*, Men hunting a bear, Stone age, Reindeer hunter, 25000 BC [s/s Db 140,00]

Prehistoric water animals (*Gerrothorax pulcherrimus*; *Drepanaspis gemuendenensis*; Ammonite; *Henodus chelyops*) [4v Db 140,00]

Prehistoric water animals (*Nanchangosaurus suni*) Background info: *Ichthyosaurus communis*, *Dolichorhynchops osborni* [s/s Db 140,00]

20 12 2021 Dinosaurs (*Tyrannosaurus rex*, *Edmontosaurus regalis*, *Daspletosaurus torosus*; *Ankylosaurus magniventris*, *Troodon wyomingensis*; *Yutyranus huali*) [4v Db 124,00]

Dinosaurs (*Anurognathus ammoni*, *Pteranodon longiceps*) Background info: *Pachyrhinosaurus canadensis*, *Tropeognathus mesembrinus* [s/s Db 124,00]

TOGO

31 01 2022 Fossils (*Leptopterion dobbsii*; *Beryx germanus*; *Sphaeropteris sp.*; *Aegoceras davaei*) [4x 1000 F]

Fossils (*Oistoceras wrighti*) Background info: *Sphaeropteris sp.*, *Hyloplezion longicostatum* [s/s 3300 F]

Fossils (*Smerdis minutus*) Background info: *Microbrachis pelikani*, *Lates gracilis*, *Sphaeropteris sp.* [s/s 3300 F]

Prehistoric water animals (Placochelys placodonta; *Shonisaurus popularis*; *Elasmosaurus platyrurus*; *Xiphactinus audax*) [4x 1000 F]

Prehistoric water animals (*Henodus chelyops*) Background info: *Plesiosaurus dolichodeirus*, *Mosasaurus hoffmannii* [s/s 3300 F]

Prehistoric water animals (*Basilosaurus cetoides*) Background info: *Liopleurodon ferox*, *Liopleurodon pachydeirus* [s/s 3300 F]

Notes:

[*1] - Commercial issue: stamps are issued with only one purpose - to sell for collectors. Stamps of countries who issued too many or too expensive stamps. Not recommended for serious collectors.

[*2] - Flying dinosaurs is wrong term, as dinosaurs per definition are terrestrial animals. The flying reptiles called Pterosaurs. Flying dinosaurs is not a correct term to apply to the animals shown on these stamps. The animals pictured are pterosaurs. Pterosaurs are a group of flying reptiles in the Archosauria. Reptiles in the archosaurs include crocodiles, dinosaurs, and pterosaurs.

If you know about any recent or feature 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/2021.html>



www.Paleophilatelie.eu



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



