



PALEONTOLOGY

Editor

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New Listings



Scott#	Denom	Common Name/Scientific Name	Family	Code
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ARMENIA 2017 December 28 (Flora & Fauna of Ancient World)

A "first day cover" was issued in the middle of January 2018.

	230d	U/I Pterosaur	Order: †Pterosauria	U A
	280d	<i>Tyrannosaurus</i>	†Tyrannosauridae	A

CENTRAL AFRICAN REPUBLIC 2017 November 20 (Extinct Species) (SS/1) ^[1]

	SS 3300fr	Saber-toothed Tiger, <i>Smilodon populator</i>	Felidae	A
	Margin	LR: Same species (attacking early man)		Z

2017 December 12 (Fossils) (MS/4 & SS/1) ^[1]

a	900fr	Trilobite, <i>Coronocephalus gauluoensis</i> (fossil)	†Encrinuridae	A
b	900fr	<i>Eusauropsphargis dalsassoi</i> (fossil)	Clade: Diapsida	A
c	900fr	Ammonite (fossil)	Subclass: †Ammonoidea	A
d	900fr	<i>Tyrannosaurus rex</i> (skull)	†Tyrannosauridae	A
	SS 3600fr	<i>Archaeopteryx lithographica</i> (fossil)	†Archaeopterygidae	A
	Margin	U/I fossils in rock		U Z

2017 October 23 (Dinosaurs) (MS/4 & SS/1) ^[1]

a	900fr	<i>Machairoceratops cronusi</i>	†Ceratopsidae	A
b	900fr	<i>Kulindadromeus zabaikalicus</i>	Clade: †Neornithischia	A
c	900fr	<i>Corythoraptor jacobsi</i>	†Oviraptoridae	A
d	900fr	<i>Anzu wyliei</i>	†Caenagnathidae	A
	SS 3600fr	<i>Tianchisaurus nedegoapeferima</i>	Suborder: †Ankylosauria	A
	Margin	LL: <i>Diamantinasaurus matildae</i>	Clade: †Titanosauria	Z
		UL: <i>Dreadnoughtus schrani</i>	Clade: †Titanosauria	Z
		LR: <i>Tongtianlong limosus</i>	†Oviraptoridae	Z

CHAD 2017 July 10 (135th Death anniv. Charles Darwin) (MS/4 & SS/1) ^[1]

Each stamp has a portrait of Darwin and there is also a portrait in the margin of each sheet.

a	800fr	Bornean Orangutan, <i>Pongo pygmaeus</i>	Hominidae	B
b	800fr	Galápagos Giant Tortoise, <i>Chelonoidis nigra</i>	Testudinidae	B
c	800fr	Darwin's Beetle, <i>Chiasognathus grantii</i>	Lucanidae	B
d	800fr	Darwin's Rhea, <i>Rhea pennata</i>	Rheidae	B
	Margin	LR: U/I Beetle	Scarabaeidae	U Z
		Bot: African Monarch, <i>Danaus chrysippus</i>	Nymphalidae	Z
	SS 3300fr	U/I Darwin's Finch		U B
	Margin	LL: Human evolution schematic		R

2017 September 20 (Dinosaurs) (MS/4 & SS/1) ^[1]

a	800fr	<i>Dimorphodon macronyx</i>	†Dimorphodontidae	A
b	800fr	<i>Hatzegopteryx thambema</i>	†Azhdarchidae	A
c	800fr	<i>Triceratops horridus</i>	†Ceratopsidae	A
d	800fr	<i>Spinosaurus aegyptiacus</i>	†Spinosauridae	A

CHAD (continued)

SS 3300fr	<i>Tyrannosaurus rex</i> (in fight)	†Tyrannosauridae	A
Margin	L: <i>Brachiosaurus altithorax</i>	†Brachiosauridae	Z
	Ctr & LR: <i>Camarasaurus supremus</i> (w/ eggs)	†Camarasauridae	Z

DJIBOUTI**2017 December 11** (Prehistoric Water Animals) (MS/4 & SS/1) ^[1]

a	240fr	Top: <i>Pteraspis stensioei</i>	†Pteraspidae	B
		Bot: <i>Prognathodon solvayi</i>	†Mosasauridae	B
b	240fr	<i>Dearcmhara shawcrossi</i>	Order: †Ichthyosauria	A
c	240fr	<i>Parapuzosia seppenradensis</i>	†Desmoceratidae	A
d	240fr	Top: <i>Shastasaurus pacificus</i>	†Shastasauridae	B
		Bot: <i>Jamoytius kerwoodi</i>	†Jamoytiidae	B
Margin		Top: <i>Albertonectes vanderveldei</i>	†Elasmosauridae	Z
		UR: <i>Pteraspis stensioei</i>	†Pteraspidae	Z
		Bot: <i>Pituriaspis doylei</i>	Class: Pituriaspida	Z
SS 950fr		<i>Dunkleosteus terrelli</i> (also UR margin)	†Dunkleosteidae	A Z
Margin		Ctr: <i>Liopleurodon rossicus</i>	†Pliosauridae	Z
		LL: <i>Stethacanthus productus</i>	†Stethacanthidae	Z

2017 December 11 (Dinosaurs) (MS/4 & SS/1) ^[1]

a	240fr	<i>Lambeosaurus lambei</i>	†Hadrosauridae	A
b	240fr	<i>Oviraptor philoceratops</i>	†Oviraptoridae	A
c	240fr	<i>Archaeopteryx siemensii</i>	†Archaeopterygidae	A
d	240fr	<i>Stegosaurus ungulatus</i>	†Stegosauridae	A
SS 950fr		<i>Pterodactylus antiquus</i> (also in margin)	†Pterodactylidae	A Z
Margin		R: <i>Brachiosaurus altithorax</i>	†Brachiosauridae	Z
		Bot: <i>Ceratosaurus nasicornis</i>	†Ceratosauridae	Z

FRANCE**2018 January 5** (Works of Nature) (Bklt/12)

One stamp, with domestic priority letter rate, depicts “Flysch with Helminthoid.” Helminths are parasitic worms. The term helminth does not correspond to a specific zoological category. “Helminthoides” or “helminthoid” refers to a category of deep sea trace fossils with a characteristic tight meandering pattern. Traces of this sort are now placed in the several different ichnogenera including *Nereites*, *Helminthopsis*, *Helminthoida*, etc.

“Flysch” refers to a kind of sedimentary rock successively deposited in deeper water settings adjacent to a rising mountain system. So, Helminthoides Flysch or Helminthoid Flysch is a term for flysch deposits that contain (in certain beds) a specific assemblage of deep water trace fossils. The image is attributed to Christian Martelet.

(73c) U/I Helminth worm fossil

U A

GUINEA**2017 October 9** (“80th” Death anniv. Charles Darwin) (MS/4 & SS/1) ^[1]

Subsequently, these stamps were reprinted with the correct title: “135th memorial anniversary of Charles Darwin death of Charles Darwin (1809–1882).”

a	12500fr	Charles Darwin statue		R
b	12500fr	Evolution of human skull: <i>Homo heidelbergensis</i>	Hominidae	B
		<i>Homo neanderthalensis</i>	Hominidae	B
		<i>Homo sapiens sapiens</i>	Hominidae	B
		<i>Homo sapiens</i>	Hominidae	B
c	12500fr	Ammonite (w/ HMS <i>Beagle</i> & young Darwin portrait)	Subclass: †Ammonoidea	B
d	12500fr	Darwin portrait w/ text listing evolutionary processes in French		R

Translation: “The four most widely recognized evolutionary processes are natural selection, genetic drift, mutation, and gene migration due to genetic admixture.”

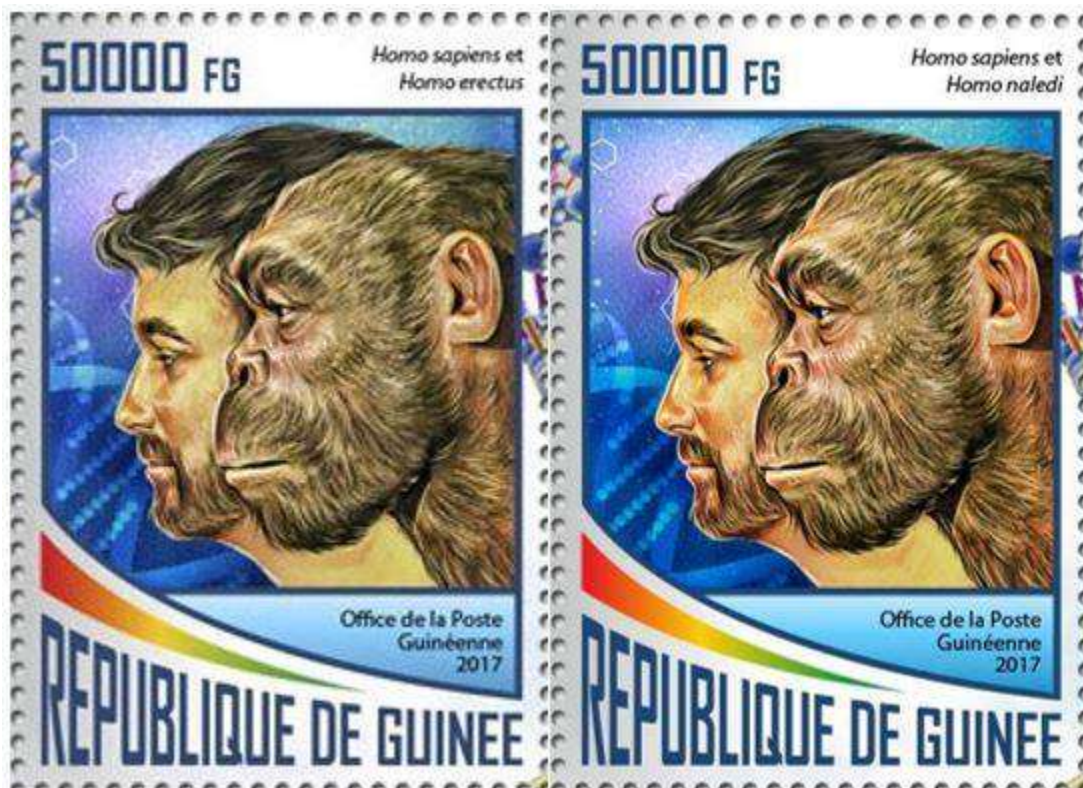
GUINEA (continued)¹

SS 50000fr	L: <i>Homo sapiens</i>	Hominidae	B
	R: <i>Homo erectus</i>	Hominidae	B
Margin	R: <i>Homo naledi</i> (w/ Darwin portrait)	Hominidae	Z

On the first (erroneous) issue, the *Homo naledi* image on the SS margin was labeled “*Homo erectus*.”



On the second (corrected) issue, they fixed the error label on margin, but renamed “*Homo erectus*” to “*Homo naledi*” on stamp itself: One error corrected, another introduced.



GUINEA

2017 October 9 (Dinosaurs) (MS/4 & SS/1) ^[1]

a	12500fr	<i>Triceratops horridus</i>	†Ceratopsidae	A
b	12500fr	<i>Velociraptor mongoliensis</i>	†Dromaeosauridae	A
c	12500fr	<i>Dilophosaurus wetherilli</i>	†Dilophosauridae	A
d	12500fr	<i>Stegosaurus stenops</i>	†Stegosauridae	A
	SS 50000fr	<i>Pterodactylus antiquus</i>	†Pterodactylidae	A
	Margin	UR: <i>Tyrannosaurus rex</i>	†Tyrannosauridae	Z
		Bot: <i>Cryolophosaurus ellioti</i>	Clade: Tetanurae	Z
		Top: <i>Pterodactylus antiquus</i>	†Pterodactylidae	Z

GUINEA-BISSAU**2017 December 5** (Dinosaurs) (MS/5 & SS/1) ^[1]

a	640fr	<i>Tyrannosaurus rex</i>	†Tyrannosauridae	A
b	640fr	<i>Styracosaurus albertensis</i>	†Ceratopsidae	A
c	640fr	<i>Coahuilaceratops magnacuerna</i>	†Ceratopsidae	A
d	640fr	<i>Atrociraptor marshalli</i>	†Dromaeosauridae	A
e	640fr	<i>Brachiosaurus altithorax</i>	†Brachiosauridae	A
	SS 3300fr	<i>Carnotaurus sastrei</i>	†Abelisauridae	A
	Margin	UR: <i>Kryptodrakon progenitor</i>	Suborder: †Pterodactyloidea	
		Ctr: <i>Dreadnoughtus schrani</i>	Clade: †Titanosauria	Z
		LL: <i>Qianzhousaurus sinensis</i>	†Tyrannosauridae	Z
		LR: <i>Quetzalcoatlus northropi</i>	†Azhdarchidae	Z

HONG KONG**2018 January 1** (Global Geopark Definitives) (Set/3)

These new stamps are defined by the original designs of the 2014 definitive set that feature unique geo-attractions of the Hong Kong UNESCO Global Geopark and portray Ma Shi Chau, Yan Chau, and Fa Shan. At least one of these stamps can be considered a fossil discovery site.

The rock formation at Ma Shi Chau contains a variety of fossils such as crinoids, brachiopods, pteropods, and corals. From these fossils, geologists have determined that the rock layers formed during the Permian period, about 270 million years before present.

\$2.60 Ma Shi Chau rock formation R

NIGER**2017 November 20** (Prehistoric Water Animals) (MS/4 & SS/1) ^[1]

a	800fr	<i>Doryaspis nathorsti</i>	Doraspidae	A
b	800fr	<i>Liopleurodon ferox</i>	†Pliosauridae	A
c	800fr	<i>Nothosaurus mirabilis</i>	†Nothosauridae	A
d	800fr	<i>Helicoprion bessonowi</i>	†Helicoprionidae	A
	SS 3300fr	<i>Dakosaurus maximus</i>	†Metriorhynchidae	A
	Margin	R: <i>Dinichthys terrelli</i>	†Dunkleosteidae	Z
		Bot: <i>Eurypterus tetragonophthalmus</i> (Cap/Syn: <i>E. fisheri</i>)	†Eurypteridae	Z

2017 November 20 (135th Death anniv. Charles Darwin) (MS/4 & SS/1) ^[1]

a	800fr	Galápagos Tortoise, <i>Geochelone nigra</i> (w/ Darwin portrait)	Testudinidae	B
b	800fr	<i>Torosaurus</i>	†Ceratopsidae	A
c	800fr	Top: <i>Ichthyostega</i>	Clade: Stegocephalia	B
		Bot: <i>Tiktaalik</i>	Clade: Stegocephalia	B
d	800fr	Darwin Finches (w/ Darwin statue)	Thraupidae	U B
	SS 3300fr	Small Tree Finch, <i>Camarhynchus parvulus</i> (w/ Darwin portrait)	Thraupidae	B
	Margin	Bot: <i>Australopithecus</i> (Lucy) (w/ Darwin image)	Hominidae	Z
		LL: <i>Tyrannosaurus</i>	†Tyrannosauridae	Z
		UR: Zebra Finch, <i>Taeniopygia guttata</i>	Estrildidae	Z

2017 December 12 ("Flying Dinosaurs") (MS/4 & SS/1) ^[1]

a	800fr	<i>Dsungaripterus weii</i>	†Dsungaripteridae	A
b	800fr	<i>Eudimorphodon ranzii</i>	†Eudimorphodontidae	A
c	800fr	<i>Anurognathus ammoni</i>	†Anurognathidae	A
d	800fr	<i>Istiodactylus latidens</i>	†Istiodactylidae	A
	SS 3300fr	<i>Archaeopteryx lithographica</i>	†Archaeopterygidae	A
	Margin	Ctr: <i>Darwinopterus modularis</i>	†Wukongopteridae	Z
		LR: <i>Dimorphodon macronyx</i>	†Dimorphodontidae	Z

Other Stamps to Consider

CZECH REPUBLIC

2017 January 20 (Oldřich Pošmurný) (Bklt/8+4 labels)

Oldřich Pošmurný was born on 8 April 1942 in Tábor. He studied graphic design of books and magazines with Prof. Vladimír Ringes, history of book design with Prof. František Klikar, and illustration and figure drawing with V. J. Žižka. After graduation, Pošmurný worked as a graphic editor in the Svoboda publishing house. From 1968, he worked as a free-lance graphic artist. He co-designed the series Zdeněk Burian's Ancient Dinosaurs and designed dinosaur stamps of Czech Republic in 1994. The postage stamp is issued both as a sheet and as a Bklt/8+4 labels.

3694 16k Oldřich Pošmurný (1942–2010)

R

KAZAKHSTAN

2017 November 6 (Karatau Nature Reserve) (MS/3)

The Karatau Nature Reserve is a wildlife refuge in the mid-part of the Karatau Mountains near Kyzylkum, Betpak-Dala, and Moynkum deserts in the South Kazakhstan Region of Kazakhstan. It was founded in 2004. Its territory is around 34,300 hectares (132 square miles). Some 700 species of plants constitute its flora, 62 species are endemic. The park is also known as fossil discovery site of plants and animals from the Cambrian to Miocene ages. More details are here: <https://paleokazakhstan.info/karatau.php> (in Russian, but with many images).

MS 600te Karatau Nature Reserve

R

Postal Stationery & Special Covers

RUSSIA

2017 October 30 (175th Birth anniv. P.A. Kropotkin)

For the 175th birth anniversary of the scientist and philosopher P.A. Kropotkin. The Russian Post authority issued a postal card and two postmarks with his portrait: one from Moscow and another from St. Petersburg.

Pyotr Alekseyevich Kropotkin (1842–1921) was a geographer, geologist, and traveler. He conducted research in Siberia and Priamurye and was one of founders of paleogeography of the Anthropogene (Holocene) era. He created the doctrine of ancient continental freezing and proposed the theory of Pleistocene ice age and alternative theories of evolution based on embryology. He traveled in eastern Siberia and Manchuria between 1863 and 1867, and his subsequent publications about that area's geography became authoritative until the middle of the twentieth century. Kropotkin argued that his geographic and geologic observations in Asia, Finland, Sweden, and Canada, supported the theory of Pleistocene continental glaciation, often called the ice age. He was one of the first to study the ancient geography and climate of the Quaternary period, which spans from 2.5 million years ago until the present. Around the turn of the nineteenth century, Kropotkin offered what he said were complementary amendments to Charles Darwin's 1859 theory of evolution by natural selection. Kropotkin employed a variety of arguments from natural history, embryology, and geography to support his theory of mutual aid, which he argued was a positive mechanistic addition to the theory of evolution.

B rate P.A. Kropotkin (postal card w/ imprinted portrait & image w/ geologist)

GERMANY

2017 November 2 (200th anniv. Senckenberg Natural Research Society)

Postal stationery commemorating the 200th anniversary of the Senckenberg Natural Research Society. Skull of *Triceratops* and reconstruction of "Lucy" (*Australopithecus afarensis*) shown on left side of the cover.

Personalized Issue

FRANCE

2018 February 2 (150th Death anniv. Jacques Boucher) (Bklt/4)

Death anniversary of Jacques Boucher de Crèvecœur de Perthes. Booklet of personalized stamps of the association of Friends of the Boucher-de-Perthes Museum. Boucher (1788–1868), sometimes referred to as Boucher de Perthes, was a French archaeologist and antiquary notable for his discovery, in about 1830, of flint tools in the gravels of the Somme valley. These tools are also depicted on the stamps and on the margin of the booklet.

Future Issues

2018.02.13: Australia: Jurassic Park stamp pack

2018.03.23: Slovenia: Mammals fossil. Mastodon, *Anancus arvernensis*

2018.08.27: Belgium: Prehistoric animals. MS/10 w/ Mammoth on margin. Designed by the same artist, Constantijn Van Cauwenberge (nickname Conz), who designed the Dinosaur stamps of Belgium 2015.

2018.10.10: Czech Republic: 200 years of the National Museum in Prague.

Tentative: The following stamps can be related to our topic:

2018.02.16: Latvia: Unique exhibits of the Latvian Museum of Natural History

2018.03.??: Ukraine: Joint issue Moldova, Romania, Ukraine. Cucuteni-Trypillia Culture

2018.09.03: Moldova: Joint Issue Moldova, Romania, Ukraine. Cucuteni-Trypillia Culture"

Notes:

[1] Commercial issue: Stamps issued only for sale to collectors, not used for postal purpose. Stamps of countries that issued excessive or too expensive stamps. Not recommended for serious collectors.

If you know about any recent or future Paleontology-related stamps not listed above, please send a short message to Associate Editor Mr. Michael Kogan (admin@paleophilatelie.eu), or by post to the Editor, Jack R. Congrove (address on inside cover).

Images and detailed descriptions of all stamps mentioned above can be viewed on the following website: <http://www.paleophilatelie.eu/year/current.html>.

PREHISTORIC WATER ANIMALS

On 16 January 2018, the Central African Republic (through Stamperija) issued a MS4 and SS/1 showing artists' images of prehistoric water animals.

The stamp on the SS depicts the largest known ammonite species (*Parapuzosia seppenradensis*). This giant creature may have measured more than ten feet in diameter and weighed more than 3,000 pounds. It lived during the Late Cretaceous period (100–66 mya).

In the UR margin is an image of a Megalodon (*Carcharocles megalodon*). This giant shark lived 23–2.6 mya and is thought to be the largest and most powerful fish that ever lived reaching a length of almost 60 feet.

The bottom margin shows an image of a *Liopleurodon*, a carnivorous reptile that lived 160–155 mya. It was the apex predator of its age and reached 21 feet in length, though it has been depicted in movies as much, much larger.

