



Man and Swift

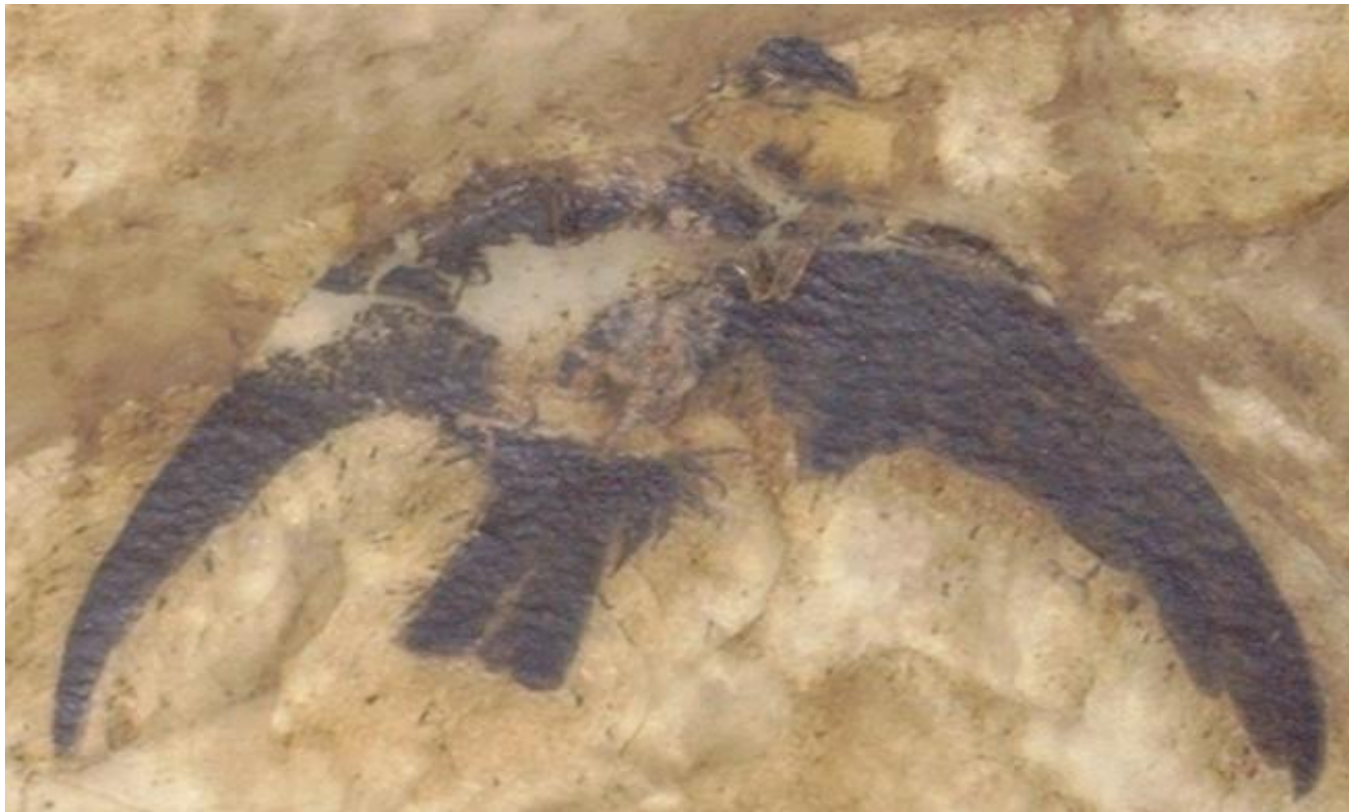
A swift flight through culture and science, based on the internet
and the Commonswift bibliography **APUSlist**

http://www.commonswift.org/APUSlist_english.html

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49 million years ago



APUSlist 2858

*Scaniacypselus
szarskii* Mayr &
Peters 1999:
„Messel-Swift“

Scanish Swift

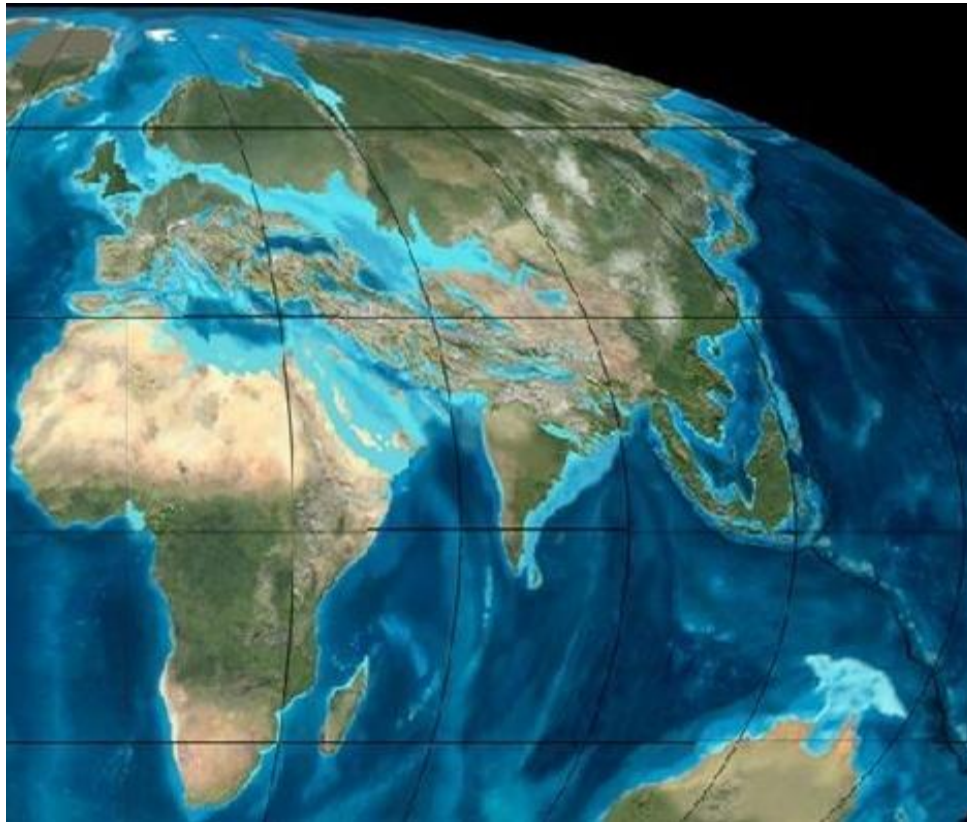
Fossile of the pit Messel (Hesse)

Foto Ulrich Tigges

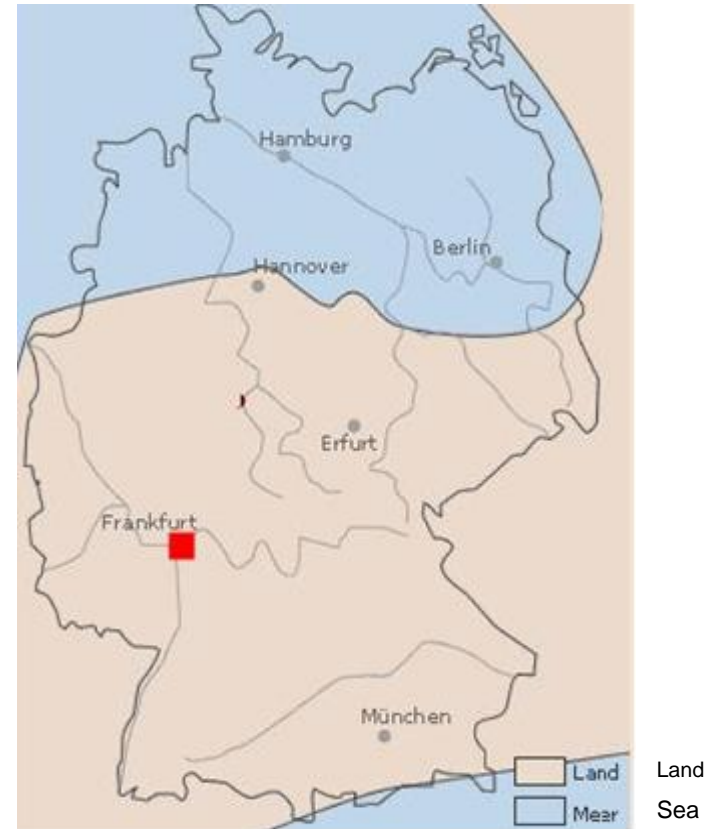
Location Museum Senckenberg, Frankfurt a.M.

Excursus

49 million years ago



<http://wapedia.mobi/de/Mioz%C3%A4n>



<http://www.naturkundemuseum-kassel.de/museum/wissenswert/geo-zeitreise/tertiaer-eozan.php>

Excursus

Genesis 1: 20-23

Gott sprach: ...
Vogelflug fliege über der Erde vorüber dem Antlitz des
Himmelgewölbs!
Gott schuf die großen Ungetüme...
und alle befittichten Vogel nach seiner Art.
Gott sah, daß es gut ist.
Gott segnete sie, sprechend: ...
der Vogel mehre sich auf Erden!
Abend ward und Morgen ward: fünfter Tag.

Die fünf Bücher der Weisung. Verdeutscht von Martin Buber gemeinsam mit Franz Rosenzweig, vol. 01. Deutsche Bibelgesellschaft. Stuttgart 1992, p. 10

20 And God said, ... fowl that may fly above the earth in the open firmament of heaven. 21 And God created great whales, and ... and every winged fowl after his kind: and God saw that it was good. 22 And God blessed them, saying, Be fruitful, and multiply, and ... let fowl multiply in the earth. 23 And the evening and the morning were the fifth day. (King James Version)

<http://www.biblegateway.com/passage/?search=Genesis+1%3A20-23&version=KJV>



120.000 years ago



FIG. 3. General view of the Zautolosh-Dara Sai, or gorge, a tributary of the Turgan-Darya, in the vicinity of Teshik-Tash. The mouth of the cave is 5,000 feet (1,500 meters) above sea-level and opens to the northeast. This site is located at a point where the canyon-like Zautolosh-Dara Sai is only 15 to 20 meters wide with walls up to 40 to 50 meters high that are either vertical or overhang slightly in places. (After Okladnikov, 1940d: 359, upper left.)



FIG. 4. The cave of Teshik-Tash, literally "Stone with an Opening," is 7.00 meters high at the entrance, 20 meters wide and 21 meters deep. It has the appearance of a broad, more or less oval recess, the floor of which rises gradually up to a rock barrier behind which there is a small inner chamber. (Courtesy of Sovfoto, New York.)

APUSlist 4061

H.L.Movius

Palaeolithic and
mesolithic sites in
soviet central asia.

In
Proceedings of the
American Philosophical
Society 97: 383-421

Philadelphia
1953

Teshik Tash, Uzbekistan

A Neanderthal burial site. Mesolithic remains of Mousterien,
Third Interglacial. The weather similar to today.



1800 BCE

When a seventh day arrived I sent forth a dove and released it. The dove went off, but came back to me; no perch was visible so it circled back to me. I sent forth a swallow and released it. The swallow went off, but came back to me; no perch was visible so it circled back to me. I sent forth a raven and released it. The raven went off, and saw the waters slither back.

<http://www.ancienttexts.org/library/mesopotamian/gilgamesh/tab11.htm>

APUSlist 4768

Gilgamesh
Tablet 11

I sent forth a
swallow and
released it.

Babylonian area. The motive goes probably back to the 24th century BCE.

Excursus

1800 BCE

Hammurabi was born

Writing style in Mesopotamia changed to an early form of cuneiform

1770

Babylon, capital of Babylonia becomes the largest city of the world,
taking the lead from Thebes, capital of Egypt

http://en.wikipedia.org/wiki/18th_century_BC, <http://www.answers.com/year-1800-bce>



700 BCE

Hezekiah's Illness

9 A writing of Hezekiah king of Judah after his illness and recovery:

10 I said, "In the prime of my life must I go through the gates of death and be robbed of the rest of my years?" **11** I said, "I will not again see the LORD himself in the land of the living; no longer will I look on my fellow man, or be with those who now dwell in this world. **12** Like a shepherd's tent my house has been pulled down and taken from me. Like a weaver I have rolled up my life, and he has cut me off from the loom; day and night you made an end of me. **13** I waited patiently till dawn, but like a lion he broke all my bones; day and night you made an end of me. **14** I cried like a swift or thrush, I moaned like a mourning dove. My eyes grew weak as I looked to the heavens. I am being threatened; Lord, come to my aid!" **15** But what can I say? He has spoken to me, and he himself has done this. I will walk humbly all my years because of this anguish of my soul. **16** Lord, by such things people live; and my spirit finds life in them too. You restored me to health and let me

live. The book of Isaiah, Chapter 38

APUSlist 4769

Book Isaiah

Yeshajahu

ישעיהו

38: 14

I screamed like a swift, I moaned like a mourning dove. My eyes grew weak as I looked to the heavens. I am being threatened; Lord, come to my aid!

Excursus

700 BCE Isaiah's world

Isaiah acted between 740-701 BCE in Judah, a period with dramatic changes in politics, economy and culture. Israel was conquered by Assyria and her population was exchanged systematically. Large groups of refugees fled from the north to Judah. Jerusalem grew from a four to six hectares small mountain town to a 60 hectares fortified town. Judah under the kings Ahaz and Hezekiah remained a vassal of Assyria and benefited from the new "global" economic policy. The long-distance trade in olives flourished. Administrative functions developed along with reading and writing skills. Large parts of the Bible (David and Solomon "stories") have now been summarized and were documented. The temple cult was centered on Jerusalem.

Hezekiah built a fortress wall (Broad Wall) and dug a 500 meter long tunnel to supply water to the city. After the death of Sargon II 705 in Assyria he took part in the uprising of the coastal cities against the iron age superpower. But the heir apparent Sennacherib fought back, wasted Judah and destroyed her cities 701. Jerusalem was spared.

(The book Isaiah was probably written in the 5th century.)

[http://de.wikipedia.org/wiki/Juda_\(Reich\)](http://de.wikipedia.org/wiki/Juda_(Reich)), Finkelstein & Silberman (2006): David und Salomo



600 BCE

4 Moreover thou shalt say unto them, Thus saith the LORD; Shall they fall, and not arise? shall he turn away, and not return? **5** Why then is this people of Jerusalem slidden back by a perpetual backsliding? they hold fast deceit, they refuse to return. **6** I hearkened and heard, but they spake not aright: no man repented him of his wickedness, saying, What have I done? every one turned to his course, as the horse rusheth into the battle. **7** Yea, the stork in the the heaven knoweth her appointed times; and the turtle and the crane and the swallow observe the time of their coming; but my people know not the judgment of the LORD. **8** How do ye say, We are wise, and the law of the LORD is with us? Lo, certainly in vain made he it; the pen of the scribes is in vain.

The book Jeremiah, Chapter 8

<http://www.sacred-texts.com/bib/kjv/jer008.htm#004>

APUSlist 2554

Book Jeremiah

Yirmeyahu

ירמיהו

8: 7

Yea, the stork in the the heaven knoweth her appointed times; and the turtle and the crane and the swallow observe the time of their coming; but my people know not the judgment of the LORD.

Excursus

600 BCE Jeremiah's world

Jeremiah acted about 627-587 BCE in Jerusalem. After the devastation of the last century Juda now was a part of the Assyrian economic zone. Towns were rebuilt and they grew on the basis of economic policy and trade. Foreign cults were allowed and parts of the inhabitants adapted the Assyrian way of life.

In 630 a disintegration of the Assyrian empire begun. Her troops and administrative officials withdrew from the cities on the Mediterranean coast, returned from the province of Israel and the vassal state of Judah. Now Judah put the control of her cities in the south and west, and the ancestral agricultural land in the lowland was restored and also expanded against the Philistine cities. The dream of a united kingdom awoke and Juda annexed Bethel, which belonged to Israel.

622 the high priest Hilkiah "discovered" an old law book in the Temple, which supported a conservative renewal movement, strict religious laws, an aggressive banning of worship of other gods and worship permission only for the Temple in Jerusalem.

Jeremiah also called for the conversion and reversal to Yahweh and predicted the destruction of the temple town. Nebuchadnezzar II conquered Jerusalem for the first time in 605 and again 597 BC. By the second time he completely destroyed the city and the Temple and deported the elite to Babylon.



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420 BCE

Herodotus observes, that kites and swallows are found in **Egypt** all the year round.¹ Prosper Alpinus informs us, that there are two kinds of swallows found in **Egypt**; that one of them is a bird of passage; but that the other, which, from the description he has given of it, appears to be the swift, *hirundo apus*, remains there all the year.² Aristotle takes notice of the departure of swallows, but says nothing further concerning their brumal residence, than that they do not winter in Greece.³

Isidorus mentions their passage across the sea, and supposes that they winter in some distant country.⁴

Pliny, as I have before observed, asserts, that they withdraw themselves in autumn to the sunny recesses of mountains, where they are found in winter without feathers. Neither does he appear altogether singular in this opinion; Claudian alludes to swallows being found dead in the hollow trunks of trees in winter;⁵ and it

APUSlist 4770

Herodot

Historien. Lib 2, 22

after

APUSlist 4007

F.L.S. Forster

Observations on the
Brumal Retreat of the
Swallow. To which is
annexed a copious
Index to many
passages relating to
this bird in the works
of acient and modern
Authors

In

The pamphleteer:
respectfully dedicated
to both houses of
parliament 08,
p. 431-462

1814

¹ Ἰκτίνες δὲ καὶ χειλιδόνες δι' ἔτους ὅλντες οὐκ ἀπολείπουσι. Lib. ii. cap. 22.



350 BCE

The feetless, which some have called Kypseloi, as mentioned earlier, are similar to the swallows. Because they differentiate from the Swallows almost only through the feathered tibia. These nest in large cells manufactured from clay, which have only a just sufficient entrance. She puts her nest sites on under-covered rocks and caves, so that it is hidden against animals and humans.

The IX. book, chapter 30

Cit. after *APUS*list 4553

*APUS*list 2287

Aristotle

Αριστοτέλης

Historia animalium.

Lib 9, cap. 30

The time of origin of the work is unknown, the authenticity of the 9th book is controversial.

http://de.wikipedia.org/wiki/Historia_animalium

Excursus

350 BCE Aristotle's world

He was a son of a physician. At about the age of eighteen, he went to Athens to continue his education at Plato's Academy.

He remained there for nearly twenty years before quitting Athens in 348/47 BCE caused by problems with Plato's nephew Speusippus. He went to Asia Minor and studied the zoology and botany of Lesbos. Later he became the teacher of Alexander, the later King of Makedonia.

One of the Seven Wonders was completed, the Mausoleum in Halikarnassos (Bodrum). It is the grave of the Persian satrap Mausolos.

Plato proposed a geocentric model of the universe with the stars rotating on a fixed celestial sphere.



200 BCE

Saqqara Bird



The Saqqara Bird is a bird-shaped artifact made of sycamore wood, discovered by Dr. Khalil Messiha during the 1898 excavation of the Pa-di-Imen tomb in Saqqara, Egypt, has been dated to approximately 200 BCE, and is now housed in the Museum of Egyptian Antiquities in Cairo.

The Saqqara Bird has a wingspan of 180 mm (7.1 in) and weighs 39.12 g (1.380 oz). And though its function is not understood because of a lack of period documentation, there is a great deal of speculation regarding its significance.

http://en.wikipedia.org/wiki/Saqqara_Bird



200 BCE

Tobit's blindness

7 Therefore I wept: and after the going down of the sun I went and made a grave, and buried him. **8** But my neighbours mocked me, and said, This man is not yet afraid to be put to death for this matter: who fled away; and yet, lo, he burieth the dead again. **9** The same night also I returned from the burial, and slept by the wall of my courtyard, being polluted and my face was uncovered:

10 And I knew not that there were sparrows in the wall, and mine eyes being open, the sparrows muted warm dung into mine eyes, and a whiteness came in mine eyes: and I went to the physicians, but they helped me not: moreover Achiacharus did nourish me, until I went into Elmais.

APUSlist 4765

Book Tobit

2: 9,10

I knew not that there were sparrows in the wall, and mine eyes being open, the sparrows muted warm dung into mine eyes, and a whiteness came in mine eyes.



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200 BCE



Codex Sinaiticus

Die älteste Bibel allen Lesern

ΜΗΘΗΝΤΙΑΡΧΤΟΝ
ΤΟΙΧΟΝ ΤΗΣ ΚΥΛΗ
ΚΑΙ ΤΟ ΠΡΟΣΩΠΟΝ
ΜΟΥ ΑΝΑΚΕΚΑΚΥ
ΜΕΝΟΝ ΛΙΑΤΟΚΑ
ΜΑΚΑΙΟΥ ΚΗΛΕΙΝ
ΟΤΙ ΕΤΡΟΧΟΙ ΔΕΝΤ
ΤΟΙΧΩ ΕΠΑΝΘΟΥ
ΕΙΣΙΝ ΚΑΙ ΕΚΛΘΙΣΕ
ΤΟ ΑΦΟΛΕΥΜΑΛΥ
ΕΙΣ ΤΟΥΣ ΟΦΘΑΛ
ΜΟΥΣ ΜΟΥ ΘΕΡΜΟΝ
ΚΑΙ ΕΠΗΓΑΓΕΝ ΑΥ
ΚΩΜΑΤΑ ΚΑΙ ΕΠΟ
ΡΕΥΟΜΗΝ ΠΡΟΣ Τ
ΙΧΤΡΟΥΣ ΘΕΡΑΠΕΥ
ΘΗΝΑΙ ΚΑΙ ΟΣΩ
ΝΕΧΡΕΙΟΣ ΑΝ ΜΕ

ΤΑΦΑΡΜΑΚΑΤΟΣ
ΤΩ ΜΑΛΛΟΝ ΕΞΕΙ
ΦΛΟΥΝ ΤΟ ΟΙΟΦΟΛ
ΜΟΙ ΜΟΥ ΤΟΙΣ ΧΕΥ
ΚΩΜΑΣΙΝ ΜΕΧΡΙ
ΤΟΥ ΑΠΟΤΥΦΛΩ
ΝΑΙ ΚΑΙ ΗΜΗΝ ΑΛΥ
ΝΑΤΟΣ ΤΟΙΣ ΟΦΘΑ
ΜΟΙΣ ΕΤΗΤΕΣ ΕΡ
ΚΑΙ ΠΑΝΤΕΣ ΟΙ ΑΛΛ
ΦΟΙ ΜΟΥ ΕΛΥΠΟΥΝ
ΤΟ ΠΕΡΙΕΜΟΥ ΚΑΙ Α

ΧΕΙΛΑΧΑΡΟΣ ΕΤΡΕ
ΦΕΝ ΜΕ ΕΤΗΛΥΟ
ΠΡΟΣ ΤΟΥ ΑΥΤΟΝ ΚΑ
ΛΙΣ ΕΙΣ ΤΗΝ ΕΛΥ
ΜΑΙ ΑΛ

Codex Sinaiticus

Mid-4th century

<http://codexsinaiticus.org/de/>

Excursus

200 BCE Tobit's World

The book Tobit was probably written 200 BCE. The protagonist Tobit lived in exile in Nineveh. He was opposed to the orders of the state and buried slain Israelites. He predicted the destruction of Nineveh that occurred before his death.

The historical data in the book are fictive, the facts vary between 931 (death of Salomon) and 612 (destruction of Nineveh).

http://de.wikipedia.org/wiki/Buch_Tobit

<http://www.joerg-sieger.de/einleit/spez/06lehr/spez80.htm>

The Great Wall of China was completed.

The Romans declared war against Makedonia.

Many buildings in Rome were three-story apartment houses called *insulae*, or "islands."

Diocles wrote the first known anatomy book and was the first to use the term *anatomy*.

<http://www.answers.com/topic/200s-bc>



77 CE

APUSlist 2286

Gaius Plinius Secundus
Caius Plinius Secundus
Plinius Maior
Pliny the Elder

Naturalis Historia.
Liber X, Iv, 114
ch. 24, ch 39

The greatest flyers resembling Flight of swallows called apodes (because they lack the use of s feet) and by others 'cypseli.' They build their nests on crags. These are the birds seen all over the sea, and ships never go away from land on so long or so unbroken a course that they do not have apodes flying round them. All the other kinds alight and perch, but these- never rest except on the nest: they either hover or lie on a surface.

http://www.archive.org/stream/plinynaturalhist017760mbp/plinynaturalhist017760mbp_djvu.txt

The encyclopedia includes 37 books. The first ten volumes were published 77 CE

Excursus

77 Plinius' world

70/71

Destruction of Jerusalem and Titus' triumphal parade in Rome

79

Mount Vesuvius on the Bay of Naples erupted August 24

About this time, the "Laocoon group" was built.



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Ca. 200 CE

ΧΕΛΙΔΟΝΙΑ.

Ein Fest zu Anthodus im Monat Boedromion⁸⁾.
 Die Knaben gingen davon von Haus zu Haus, bettelten
 für eine Schwalbe, und sangen ein gewisses Lied. Diese
 Handlung hieß χελιδονίζεν, und das Lied selbst χελιδό-
 νισμα, weil im Anfang desselben die Schwalbe, χελιδών,
 genannt wurde. Athenäus hat es ganz niedergeschrieben.
 Es fängt sich an:

Ἦλθ', ἦλθ', Χελιδών, καλὰς

Ἦρας ἀγούσα, καὶ καλοὺς ἐνιαυτοὺς

„Sie ist gekommen, sie ist gekommen, die Schwalbe,
 „und bringt angenehme Stunden, und angenehme Jahres-
 zeit mit.“

⁸⁾ Athenäus. lib. 8.

Elle est venue, elle est venue l'hirondelle, qui amène avec elle les
 charmantes saisons et les belles années; elle est blanche au ventre, et noire
 sur le dos. <http://remacle.org/bloodwolf/erudits/athenee/livre8.htm>

APUSlist 4515

Johann Potter

Griechische
 Archäologie, oder
Alterthümer
 Griechenlands
 p. 949-950

Halle

1775



632

APUSlist 4771

1 Seest thou not how thy Lord dealt with the Companions of the Elephant? **2** Did He not make their treacherous plan go astray? **3** And He sent against them Flights of Birds [tir ababil], **4** striking them with stones of baked clay. **5** Then did He make them like an empty field of stalks and straw, (of which the corn) has been eaten up.

Qur'an, 105. Surah, Al-Fil, The Elephant

www.commonswift.org/2996Whitechapel.html

105. Surah
Verse 3

And He sent against them Flights of Swifts, striking them with stones of baked clay.

Excursus

632

625

Avars and Persians attack Constantinople, but the Byzantine emperor Heraclius repels their attacks.

633

Christian churches at Alexandria, Antioch, and Jerusalem are turned into Muslim mosques.



987

45. E G B E R T U S
 Erz-Bischoff zu Trier
 von 978. biß 993. siht 15. Jahr.
 Er war ein gebohrner Grafe aus Hol-
 land. Es heckten viel Schwalben in der
 Stuffs-Kirche zu Trier: Als es aber diesem
 Erz-Bischoffe elnsten fast eben so gieng, als
 wie dem alten Tobid, so verfluchte er diese Vö-
 gel, und von derselben Zeit an hat sich keine
 Schwalbe mehr unterstanden in dieser Kirche
 zu nisteln.

EGBERTUS

Archbishop of Treves

from 978 to 993. Sits 15 years.
 He was a born a count of
 Holland. There were many
 Swallows breeding in the
 Collegiate Church of Treves: But
 when this archbishop once
 encountered a similar problem
 as old Tobit, he cursed these
 birds, and from the very moment
 they did not dare to nest again
 in this church.

APUSlist 3970

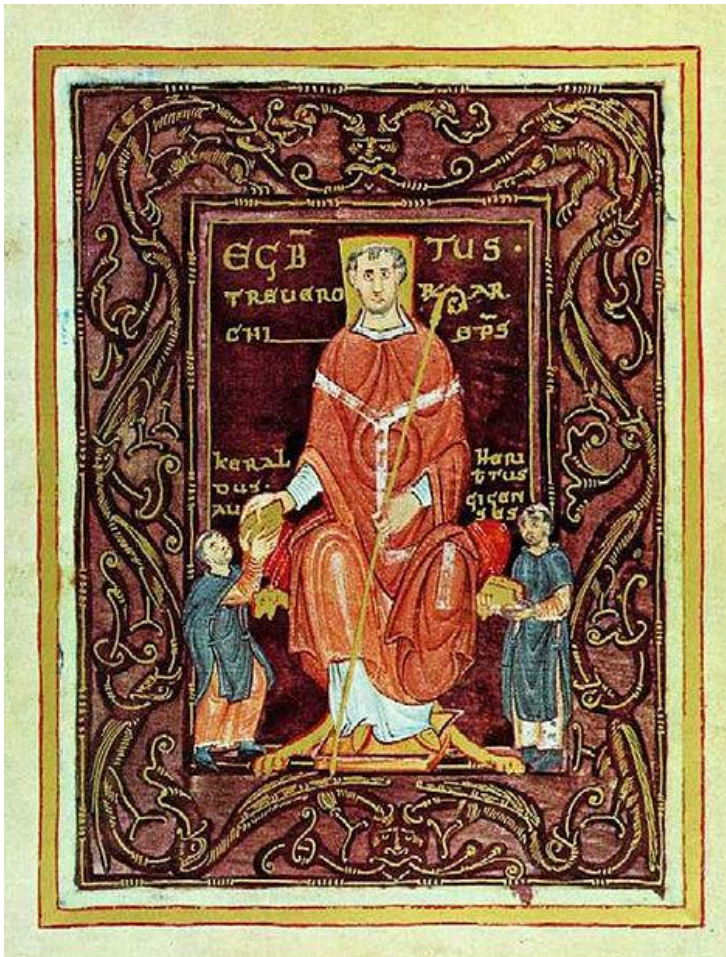
Archbishop Egbert
 of Treves

in
 Johann Hübner
 Kurze Fragen aus der
 Politischen Historia
 biß auf gegenwärtige
 Und mit einem
 vollständigen Zeit
 continuiert, Register
 versehen, Siebenter
 Theil, p. 616.

1718

Excursus

Egbert's world



Egbert was educated in the monastery of Egmond. 976 he became chancellor of Emperor Otto II, who enthroned him as Archbishop of Treves 977. Egbert sponsored science and arts. He re-built churches in Treves and during the new construction of the Collegiate Church, the incident might have happen.



The Dome in Treves

Reconstruction by
Lambert Dahm
<http://www.welterbetrier.de/index.php?id=222>

Excursus

987



The Imperial Crown of the Holy Roman Empire was made. The picture is showing Hezekiah with the prophet Isaiah.

2nd half of the 10th century.

<http://en.wikipedia.org/wiki/Hezekiah>

At Chichen Itza in Yucatán, Mexico, an observatory was built to measure the risings and settings of Venus and the Sun.

<http://www.answers.com/topic/987>



1250

Daryatha avis est pedibus carens ut dicit Aristoteles. Et cum ad terram ceciderit, cubitis alarum et pectore repit, fere sicut vespertilio nisi quod vespertilio debiles habet pedes caudae suae coniunctos. Hae non apparet nisi post pluviam in principio aestatis et tunc pullificat, et cum pulli coalescunt, moritur, pullos relinquens suae miserae vitae successores.

APUSlist 4052

Albertus Magnus

De animalibus
Liber XXVI.

Nach der cölner
urschrift,
hrsg v.
Hermann Stadler.
Vol. 02 Buch XII-
XXVI enthaltend.

In
Beiträge zur
Geschichte
der Philosophie des
Mittelalters Band 16

Münster
1920

<http://books.google.com/books?id=7b4LAAAIAAJ&q=Daryatha+avis+albertus+magnus&dq=Daryatha+avis+albertus+magnus&hl=de>

Excursus

1200 – 1250



Norwegian weight of 43 grams

Excavation City of Stralsund 2011

<http://www.radiovest.de/Aus-aller-Welt.1372+M5e67cb1cc4c.0.html>

Construction of the Domes in Cologne and Strasbourg

1241/43 The Mongols invade eastern Central Europe

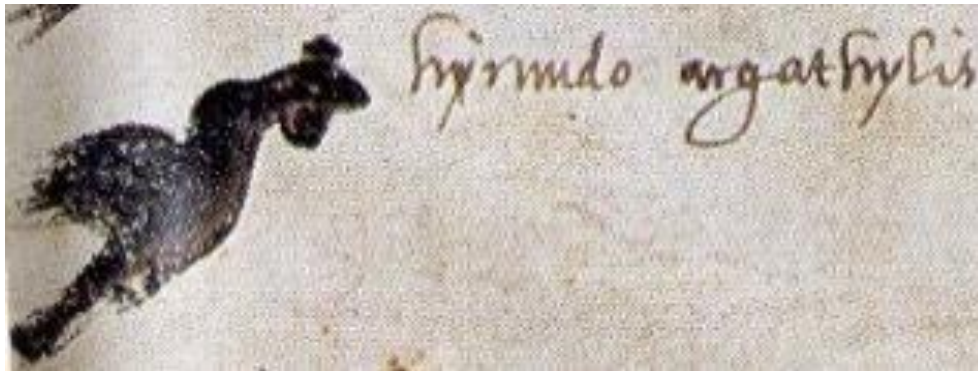
1244 Jerusalem was conquered by the Arabs

1254 Introduction of Arabic numerals in Italy

<http://www.answers.com/topic/987#ixzz18qdKgUhs>



1260



The first images of a Commonswift

APUSlist 4773

Fridericus Rex

De arte venandi cum
Avibus

Ed. Rex Manfredus
Ms. Pal. Lat. 1071,
Biblioteca apostolica
Vaticana, folio IX, recto

Ca. 1260

Cit. after

APUSlist 4775

Carl Arnold Willemssen:
Das Falkenbuch Kaiser
Friedrichs des Zweiten.
De arte venandi cum
avibus

Graz
1969

Excursus

1260 Fridericus' world



Emperor Frederick II. (left)
meets Sultan Al Kamil

Frederick grew up in the multi-cultural Isle of Sicily. The Arabic culture was far advanced and Frederick got to know different views, which enabled him to build a modern state. He spoke Italian and German, and probably Arabic, French and Latin and maybe a little Greek.

His contemporaries called him *Stupor mundi*, the wonder of the world. He was interested in nature and concentrated the knowledge in the book „*de arte venandi cum avibus*“.

In this era, one major political problem was the fight with the papal claim of power. Frederick was excommunicated by his opponent Pope Gregor IX. He did not care much about that and executed a crusade. He dealt with Sultan Al Kamil, and became king of Jerusalem.

Excursus

1260 Fridericus' world



The Emperor Frederick lost his precious book when the “Victoria”, his private Pavilion and wooden city under the wall of Parma was marauded by the Parmesans who fired and harassed all his belongings. Frederick tried to pay specially to get back his precious book but nothing happened and he got no information even about the new owner.

Ten years later his son Manfred wanted a copy of the book. He knew about its enormous worth and had all the knowledge how the information was collected, committed, directed and edited in every single line of text and in the figures and he wanted to obtain a copy using the same raw material he maintained in the legacy of his august and late father. He then contacted the same artists for figures and used the same notes for the text. Mauro Ferri *in lit.*

Excursus

1260 Fridericus' world

In Central Europe in the 13th and 14th century special coins with crosses on them were minted to provide the holder with protection against all kind of injuries and ailments as well as witches' spells.



1547



APUSlist 46661

Holbein

Icones historiarum
veteris testamenti

Lyon
1547

Tobias



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1555

D E A P O D E .



APUSlist 4746

Conrad Gesner

Historiae Animalium
Liber III. qui est de
Avium natura

Zurich
1555



APODES apud Aristotelem leguntur, Gaza apedes seu depedes reddit, à paruitate pedum sic dictæ aues. Eadem ab alijs cypseli uocantur, Aristot. & Plinius. Κυψελος auis similis hirundini, Hesychius & Varinus. Aliqui hanc uocem per l. duplex scribunt, cypselus, quod non placet: facta est autem à specie nidi, ut in c. ostendam. Cypselos Psellus in libro de uictus ratione troglertas nuncupat, quia in foraminibus & cauis ferè latent, Caelius. Sed Caelium ex translatione Ge. Vallæ deceptum suspicor, nam hoc interprete, Psellus laudat in cibo passeret & troglatas, (legerim passeret troglatas. hæc quidem uerba, quæ hirundinibus similes sunt, pedibus curtis, G. Vallam de suo adieciße cõjicio,) qui foraminibus turrium solum se committunt, (unde nimirum etiam pyrgitæ hi passeret appellantur, inter attenuantes cibos cum merulis, perdi-



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1555

APUSlist 4746

alibi chelidóna, id est hirundinem sic reddit. Apodes aues sunt hirundinum specie, quas & cypri-
los uocamus hodie in Venetia prouincia, Hermolaus. Hispanis apus uencéio dicitur, alijs arrexá
quo. Gallis martinet, uel martelet, & la grande hirondelle, id est hirundo maior. Geor. Agricola
apodem eandem cum hirundine riparia facit, & Germanice interpretatur Spirschwalben, nostri
Spyren nominant, & Wurspyren. alijs Gerschwalm, uel Geyrschwalb. sunt autem istæ hirundi-
nibus maiores, has Turnerus Anglus uel hirundines rusticas appellandas putat, uel apodes maio-
res, Anglice dictas the great swallows, hoc est hirundines magnas, (uel martettes, ut Eliota An-
glus habet.) Minores uero apodes, quæ hirundine minores sint, in templis & turribus nidulari soli-
tas, unde & nomen habent apud Anglos à turribus, apud Germanos à templis, (Kilchenspyren,
Xeynschwalben), quas ego potius hirundines rusticas fecerim. In præsentia quidem de maioribus
tantum agam. Idem Turnerus diuersam ab utraque iam dicta auem facit falculam siue ripariam,
quam Germanice interpretatur ein iüberschwalbe uel Speiren. sed nostri apodes maiores, ut di-
xi, Spyren nominant, quæ uox per onomatopœiam forte facta fuerit. Illyrii (nisi fallor) apodem
uocant rorayg, uel roreycz. De riparia hirundine scribemus suo loco in H. & de argathyli quoque
inter hirundines: quam Plinius etiam ripariarum generi adnumerat, alijs parrarum legunt. Ebe-
rus quidem & Peucerus argathylin hirundinum generis faciunt, & Germanice Spirschwalben
interpretantur.

1555 Gesner's world

Gesner was the son of a furrier. His father died in the battle of Kappel 1531. He studied in Strasbourg, Bourges and Basel and he got a professorship for Greek in Lausanne in 1537, where he learnt botany. 1540/41 he studied medication in Montpellier and became a doctor at Basel 1541. He then worked in Zurich as a physician.

Gesner was protestant. There was extreme religious tension at the time *Historiae animalium* came out. Under Pope Paul IV it was felt that the religious convictions of an author contaminated all his writings, so it was added to the Roman Catholic Church's list of forbidden books.

1565 the plague came to Zurich. Gesner got infected and died in the same year on December 13th at the age of 49.

Conrad Gesner

Konrad Gesner

Konrad Gessner

Konrad Geßner

Conrad Gessner

Conrad Geßner

Conrad von Gesner

Conradus Gesnerus



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1558



De Hirundinibus ab aquis extractis.

ET si multarum naturalium rerum scriptores memoriarum prodiderunt, hirundines mutare stationes, hoc est

exurgente leui hyeme, repetere terras calidiores: attamen in Septentrionalibus, aquis saepius casu piscatoris extrahuntur hirundines, in modum conglomeratae massae: quae ore ad os, & ala ad ala, & pede ad pedem post principium autumni sese inter cannas descensuram colligant. Notandum enim est, eas eo tempore, suauissimo & completo cantu taliter descendere, & pacifice post principium veris inde euolare, atque repetere vetustos nidos, vel novos naturali sollicitudine fabricare. Massa autem illa per imperitos adolescentes (nam antiqui & experti piscatores eam remittunt) extracta, atque in aestuaria portata, caloris accessu hirundines resolutae, volare quidem incipiunt, sed exiguo tempore durant: quia immatura acceleratione non liberae, sed captivae sunt reductae: Accidit etiam tempore verno, liberè reuertentes, nidosque veteres intrantes, aut novos construentes, superueniente horrida hyeme cum densa casu nivium, omnes pariter emori, ut nullae in tectis, aut fluminum ripis tota aestate videantur, praeter paucissimas, tardius à profundioribus aquis ascendentes, aut aliunde peregrinantes, quae naturae beneficio sobole reparantur, hyeme penitus in Maio soluta, aduolare cernuntur. Agriculae enim ex earum nidis sublimius, vel depressius aedificatis, prognostici cum capiunt, an in vallibus, an in montibus, vel collibus (propter imbrium incrementum, vel decrementum) sint seminaturi. Imò nec bonum omen capiunt incolae ex tectis, ubi hirundines habitare perhorrescunt: quia ea culmina casura creduntur.

APUSlist 4684

Olaus Magnus

Historia de gentibus
Septentrionalibus
p. 155-156

Antwerpen
1558



1565



The first coloured accurate depiction of the Commonswift
by the artist Jost Amman

APUSlist 4341
Von den Spyren

In
Caius Plinius
Secundus

Des furtrefflichen
hochgelehrten Alten
Philosophi, Bücher
und schrifften, von der
Natur, art und
eigenschafft der
Creaturen oder
Geschöpfe Gottes.

Editor
Johannes Heyden

Frankfurt am Main
1565



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1565



APUSlist 4713

Caius Plinius Secundus

Des furtrefflichen hochgelehrten Alten Philosophi, Bücher und schrifftten, von der Natur, art und eigenschafft der Creaturen oder Geschöpfte Gottes. Herausgeber Johannes Heyden

p. 467

Frankfurt am Main 1565

Excursus

1565



Paradisea—Bird of Paradise.

The name „Apus“ was also given to the bird of Paradise from Neu Guinea, which was known in Europe from about the middle of the 16th century. Epprecht 1955

APUSlist 1020

Europe has poor harvests.

Mary, Queen of Scots, 22, is married on July 29 to her cousin, Henry Stuart, 18. France's Charles IX, 15, is married to Elizabeth of Austria, also 15.

Ottoman forces lay siege to Malta in May.

London's Royal College of Physicians receives authority to conduct dissections of human corpses.

<http://www.answers.com/topic/1565>



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1570

NOMENCLATORIS
HADRIANI
IVNII MEDICI

Epitome.

ADAMVS SIBERVS.

IVNIVS, vt proprio rem quamuis nomine dicas,
Eximie dedit hoc vtilitatis opus.
Barbara propripant ranæ se turba Seriphon:
Nos miratores Daulias ales habet.
Vtere felici, dum tempus sorte iuuentus:
Quis scit, an vlla ferat commoda tanta dies?



L I P S I Æ
IOHANNES RHAMBA
EXCVDEBAT
M. D. LXX.

APUSlist XXX

Hadrianus Iunius
Adriaan de Jonge

Nomenclatoris
Epitome

Leipzig
1570

Apodes, κύψελοι, * **Wasserschwalben.**

Water-Swallows

Hirundo, χελιδών, **Schwalbe.**
* Hirundo agrestis, **Mauerschwalb.**
* Hirundo riparia, **Spißschwalbe.**

Swallow
Wall-Swallow
Swift-Swallow



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1570

Per arroſtir beccafichi , ortolani , & rondoni. Cap. C X X X V I.

Pigliſi il beccafico nella ſua ſtagione , laqual comincia dal meſe di Luglio fin'a mezo Ottobre ; & l'ortolano , la cui ſtagione è da mezo Ottobre , per tutto Febraro (liquali uccelletti nella Marca , & nella Romagna ſi conſeruano molto con il miglio , & con il panico) & il **rondone** , il quale ha gran bocca , & grandi ali , & li piedi piccioli , & la teſta quadra , & la cui ſtagione , quando è giouane comincia dal fin d' Aprile , & dura per tutto Giugno , & tutti i detti tre uccelletti ſubito morti ſpiumati aſciutti ſenza cararne gl' interiori ſi arroſtano nello ſpedo trameſati con fette di lardo , & foglie di ſaluia , facendo lor la croſtata di fior di farina , zuccaro , pan grattato , & fior di ſinocchio , & come ſaranno cotti , ſeruanoli caldi . Si poſſono anchoro cuocere ſotto le bragie inuolti in fette di lardo , foglie di uite , & carta bagnata ; Ma molendoli ſtuſare , & farne brodo lardiero , caninogli l' interiori , anchorche per quel che io trono ſiano affai migliori arroſti nello ſpedo , che in altra maniera.

APUSlist 4699

Bartolomeo Scappi

Opera di M.
Bartolomeo Scappi,
cvoco secreto di
papa pio V.

Location
1570

The first mention of the Commonswift in Italian literature: rondone.



1300 – 1570 – 2011



*APUS*list 1517, 2298



Fotos Ulrich Tigges

A Commonswift tower in Castellaro near Modena from the XIVth century. Mauro Ferri controls the nest sites.



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1586

REGIMIENTO
Y AVISO DE
SANIDAD, QUE TRATA
DE TODOS LOS GE-
neros de alimentos y del re-
gimiento della.

AGORA NUEV
te añadi lo y corregido por el famoso y eru-
dito Doctor Francisco Méndez
Oria, Toledano y natural
de Casarrubios.



Impresso con licencia, en Medina del Campo.
Por Francisco del Canto.

Por Pedro Landry, y Ambrosio da Porta:
Año de M. D. Lxxxvj.
Esta tañaco en

*Stercus item purgat charos lentigine vultus.
Quamuis istericos sanet et ista caro.*

Tambié la picaça, el graro, q se dize Mo-
nedula, porque hurta con su pico oro y
plata, y qualquier moneda, y el cernicalo,
q dizen, Tinuncalus, y las golondrinas,
auiones, vencejos, todas son detestables
y malos su mantenimiento, porque comē
carnes mortezinas, y cieno y gusanos. Los
pollos de algunas de estas aves suelen ser
algo gustosos en las mesas de los labra-
dores, especialmente los de la vraca o pi-
caça. Empero no es razon se dexe de de-
zir algo del cuclillo: del qual dixo Arist.

APUSlist 4716

Francisco Núñez de
Oria

De las carnes de los
Zorzolas, Mirlas,
Gorriones, y de otros
aves menudas

In
Regimiento y aviso de
sanidad, que trata de
todos los generos de
alimentos y del
regimiento della
agora nuevamente
p. 131-134

Medina del Campo
1586

The first mention of the Commonswift in
Spanish literature: vencejo.

Excursus

1586

Looking at the text on page 133 one is referred to a variety of practices that mix food and remedies. Before talking about the swifts, the author tells about the sparrow breeding house, saying that they taste like mice in winter, but when the weather is good there is abundance of grain so then they have as good a taste as blackbirds. In the middle of that explanation, he says that they can also cause some diseases if eaten such as apoplexia. Then he also explains that the meat burned and mixed with water is a remedy for ictericia. Then referring to another author, still on the topic of the sparrow house, he says that the faeces placed on the skin remove stains!

Moving to the other paragraph which includes kestrels, swallows, and house martins, he says that they are not good, "detestables y malos" because they eat meat, using the adjective "mortezina" which is kind of "dying" or possibly also in the context "rotten". Also because they eat worms "gusanos" and "cieno"... that is a kind of silty mud. Then he continues saying that some unspecified chicks are appreciated on the tables of farmers but not mentioning the species and then moving on to other species.

Enric Fusté *in litt.* 13 Dec. 2010

APUSlist 4716

Francisco Núñez de Oria

De las carnes de los Zorzolas, Mirlas, Gorriones, y de otros aues menudas

In
Regimiento y aviso de sanidad, qve trata de todos los generos de alimentos y del regimiento della agora nuevamente p. 131-134

Medina del Campo
1586



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www.commonswift.org



1595 – 2005

Leuit. 11.
Deut. 14.



DIE Schwalbe wird in
etlichen unterschiedlichen na-
men in vnser Deutschen Bi-
bel gelesen: Erstlich / Leuit. 11.
Deuter. am 14. wird sie zu ende der
vnrainen Vögel (aus dem wort A-
thaleph / daß sonst eine Fledermaus
heisset/ Esa. 2. darvon droben) verdeutschet vnnnd gegeben
Schwalbe / 2c. Darnach wird das Ebreische wörtlein Sus

oder Sis, auch von etlichen eine Schwalben / von andern Jerem. 8.
anders genennet. Jeremiae am 8. Die Schwalbe weis vnd
mercket ihre zeit / wenn sie wegfliegen / vnd zu Sommer oder
Frülings i. iten widerkommen sol / welchem doch die Men-
schen nicht nachkommen / wie bey vorgehenden Vögeln auch
andeutung geschehen ist. Also nennet sich auch der fromme
König Hiskias / Esa. 38. Ich winselt wie eine Schwalbe. Esa. 38.
Besiehe bey dem **Kranich** darvon / 2c.

Wie dem eigentlichen wort Deror von der Freyheit
vnd vnuerhindertem flüg genommen / nennet sich Assaph /
Psalm. 84. Meine Seele verlangt sich nach den Vorhö-
fen des H E X X N / 2c. Denn der Vogel hat ein Haus
funden / vnd die Schwalbe ein Nest / da sie Jungen hecken /
nemlich / deine Altar / H E X X Gebaoth / 2c.

APUSlist 4712

Hermann Heinrich
Frey

Therobiblia. Biblisch
Thierbuch, Darinne alle
vierfüßige, zahme,
wilde, giftige und
kriechende Thier, Vogel
und Fisch (deren in der
Bibel meldung
geschicht) sampt jren
Eigenschafften
unnd anhangenden
nützlichen Historien
beschrieben sind
p. 154-155

Leipzig
1595



1595 – 2005

In modern Hebrew, “Swift” is written o'io sys and pronounced siis, but in Biblical Hebrew it is written oio sws. That would be pronounced suus and would literally mean “horse”, and although there has obviously been a scribal mistake, the text of the Hebrew Bible is sacred and can no longer be altered.

Suus in the Hebrew Bible is translated “crane” in the passages from Isaiah and Jeremiah quoted from above; the word translated as “Swift” is עגור ‘aguur, which the revised King James translates as “crane”. This additional confusion was helped by the fact that ‘aguur seems to come from a verb meaning “to twitter”. Simon Whitechapel

APUSlist 2996

Simon Whitechapel

Talk of the Devil-
Bird. International
Names for the
Common Swift

[www.commonswift.org/
2996Whitechapel.html](http://www.commonswift.org/2996Whitechapel.html)

APUSlife 2005

Swift o'io
Horse oio

Excursus

1550 – 1600

In Central Europe in 1562 houses were built like this in Werne an der Lippe.

Calendar reform 1582.

Giordano Bruno spent eight years in prison before was burnt to death in Rome 1600 at the instance of Cardinal Bellarmine and Pope Clement VIII, because he questioned Mary's virginity inter alia.





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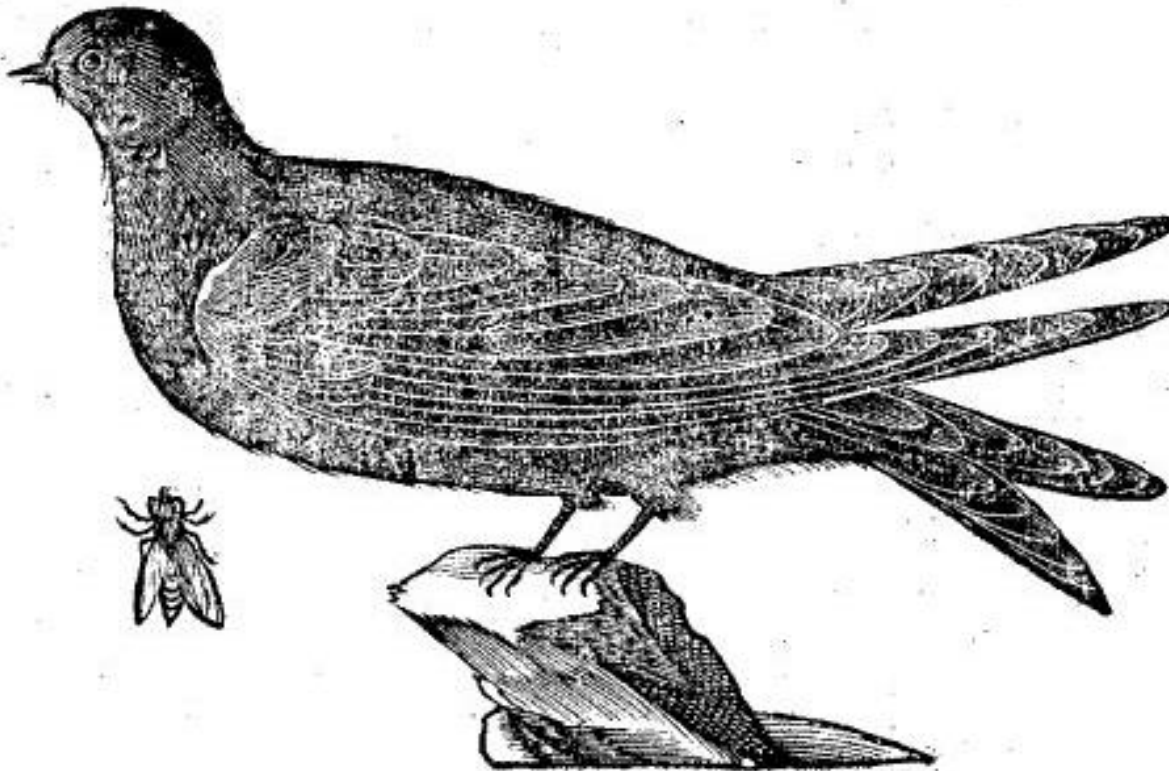
www.commonswift.org

www.commonswift.org



1600

Apos cum tabano.



Nan a Apos

APUSlist 4439

Ulyssis Aldrouandi
Ulisse Aldrovandi
Ulysses Aldrovandus

De Apode

In
Ornithologiae
tomus alter

1600



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1600

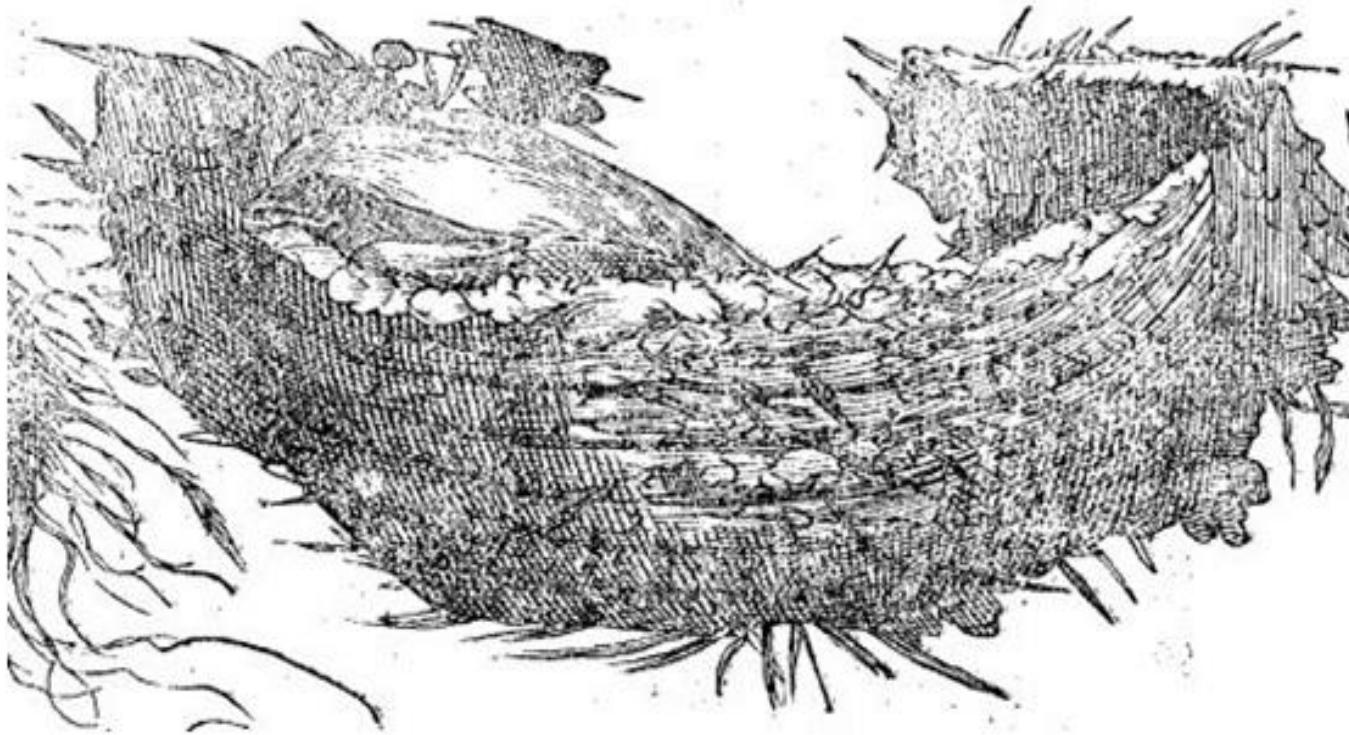
APUSlist 4439

Ulyssis Aldrouandi

De Apode

In
Ornithologiae
tomus alter

1600





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1650

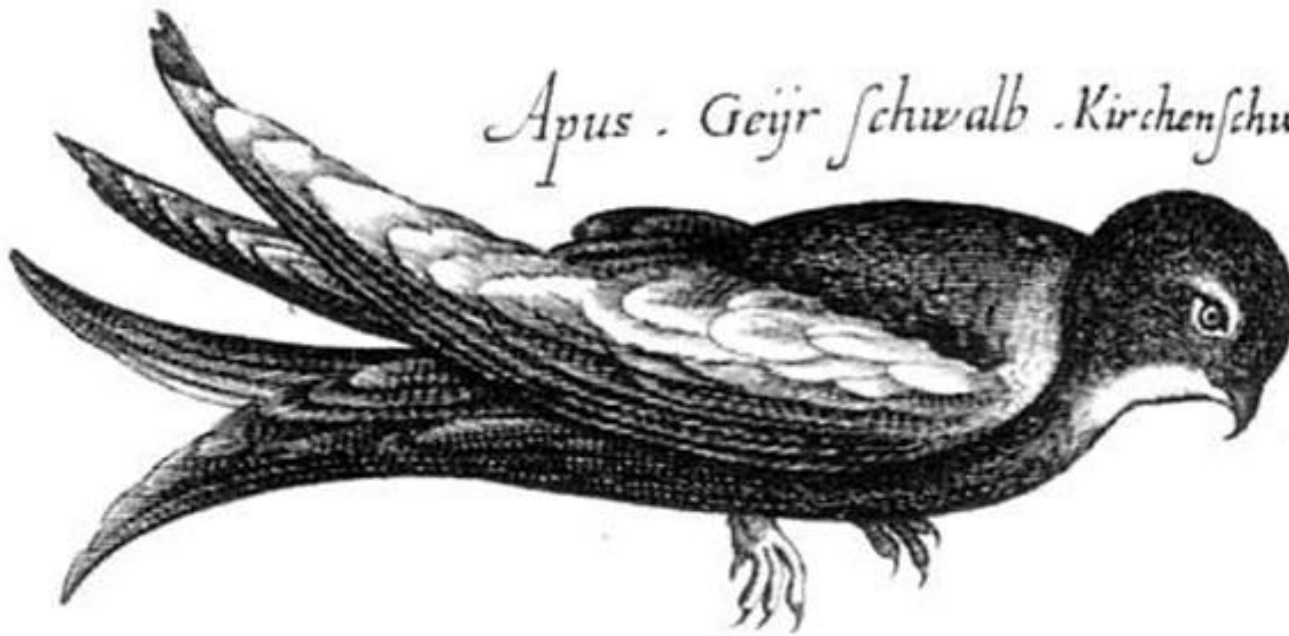
APUSlist 4534

Apus . Geijr schwalb . Kirchenschwalb

Johannes Jonstonus
[Jonston]

Historiæ Naturalis
de Avibus Vol. 06

Frankfurt
1650





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1676



APUSlist 4466

Franciscus
Willughbeius
Francis Willoughby

Hirundo apus.
The black Martin
or Swift

In
Ornithologiæ
Vol. 03

London
1676

Foto Edward Mayer

Excursus

1650 – 1700



1660 D.de Velásques died

1669 Rembrandt died

1679 Thomas Hobbs died

1687 I. Newton: Philosophia naturalis
principia mathematica

1688 Ch. Thomasius founded the first
journal in German language



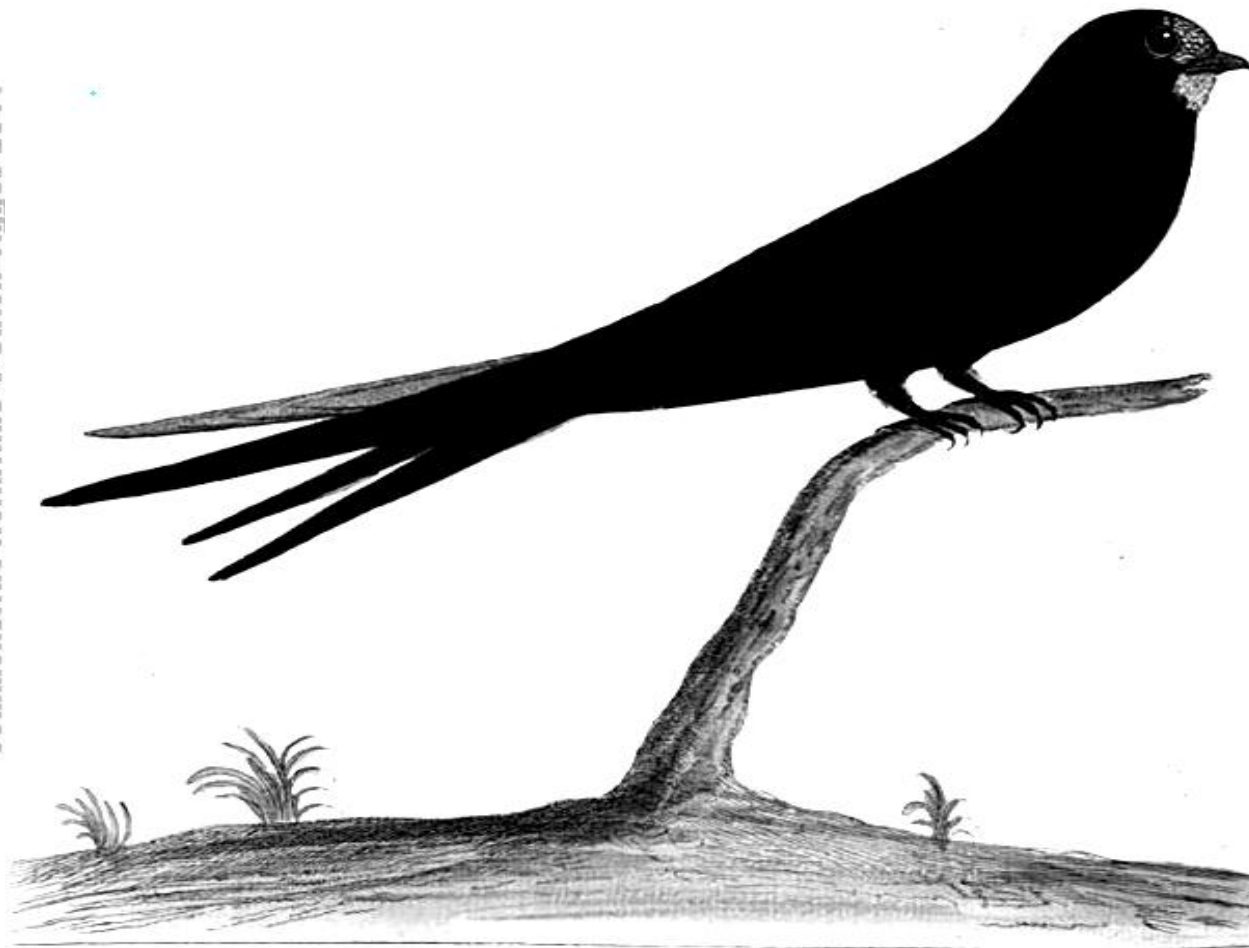
1738

APUSlist 4011

Eleazar Albin

A natural history
of birds

London
1738



Hirundo Apus

The Swift



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1743



APUSlist 4469

Johann Leonhard
Frisch

Vorstellung der Vögel
in Deutschland, und
beyläufig auch
einiger fremden, mit
ihren natürlichen
Farben

Berlin
[1743-1763]



1750

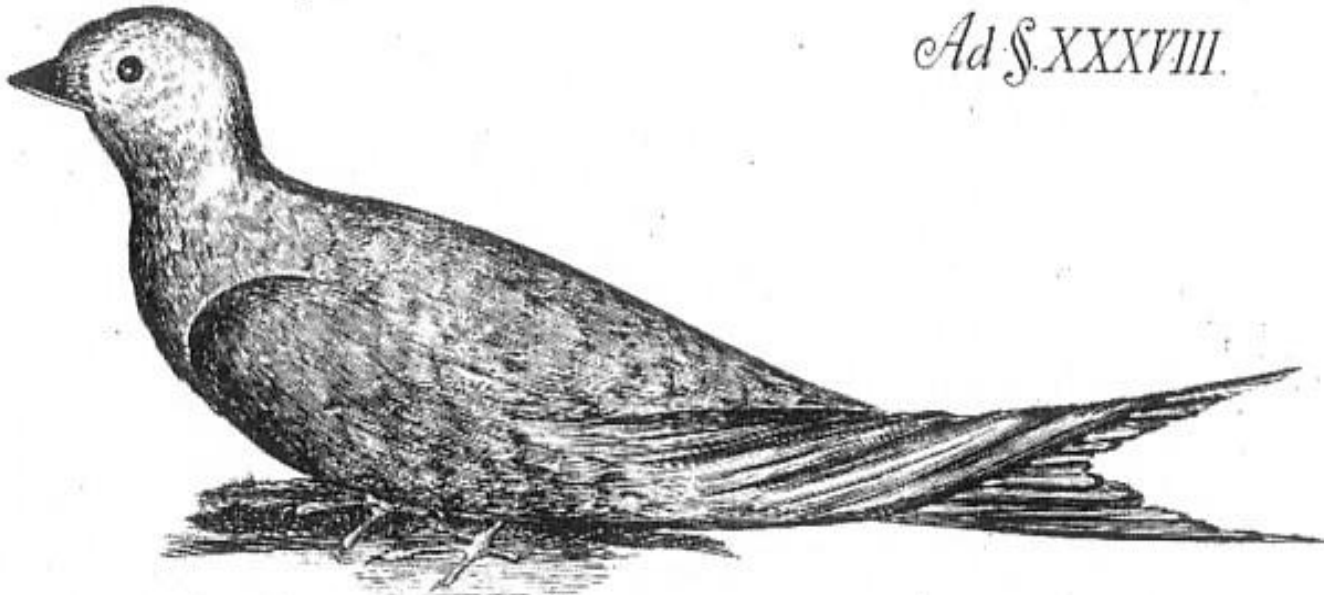
APUSlist 4423

Iacob Theodor Klein

Historiae avium
prodromus cum
praefatione de ordine
animalium in genere

Lübeck
1750

Ad §.XXXVIII.





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1775



APUSlist 4012

Samuel Ward

A modern system of
natural history
Vol 07

London
1775



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1796

APUSlist 2688

[Georges Louis Le
Clerc] von Buffon

Naturgeschichte
Der Vögel
Vol. 22

Wien
1796





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1810

Taschenbuch der deutschen Vögelkunde oder kurze Beschreibung aller ..., Band 1

Von Bernhard Meyer, Johann Wolf

2 Seiten stimmen mit dem Suchbegriff "Mauersegler" in diesem
Buch überein

Seite
xvi

4687

tenis 255	3. Gattung. Segler.
3. Brachpieper. <i>A. campestris</i> 257	<i>Microtus</i> .
4. Wasserpieper. <i>Anthus aqua-</i>	

Seite 282

nisten in die Mauerritzen und in die Felsenlöcher.
Mauersegler <i>Microtus murarius</i> . <i>Nihi</i> .

APUSlist 4687

Bernhard Meyer &
Johann Wolf

Taschenbuch der
deutschen
Vögelkunde,
oder kurze
Beschreibung aller
Vögel Deutschlands
p. 282

Frankfurt
1810

The first mention of the new German species name: Mauersegler.



1828

In England May 10th is Apodophoria,
the appearance day of the Commonsift.

APUSlist 4030

Thomas Ignatius M.
Forster

Circle of the seasons,
and perpetual key to the
calendar and almanack;
to which is added the
circle of the hours, and
the history of the days of
the week; Being a
Compendious
Illustration of the
history, antiquities, and
natural phenomena, of
each day in the year

London
1828



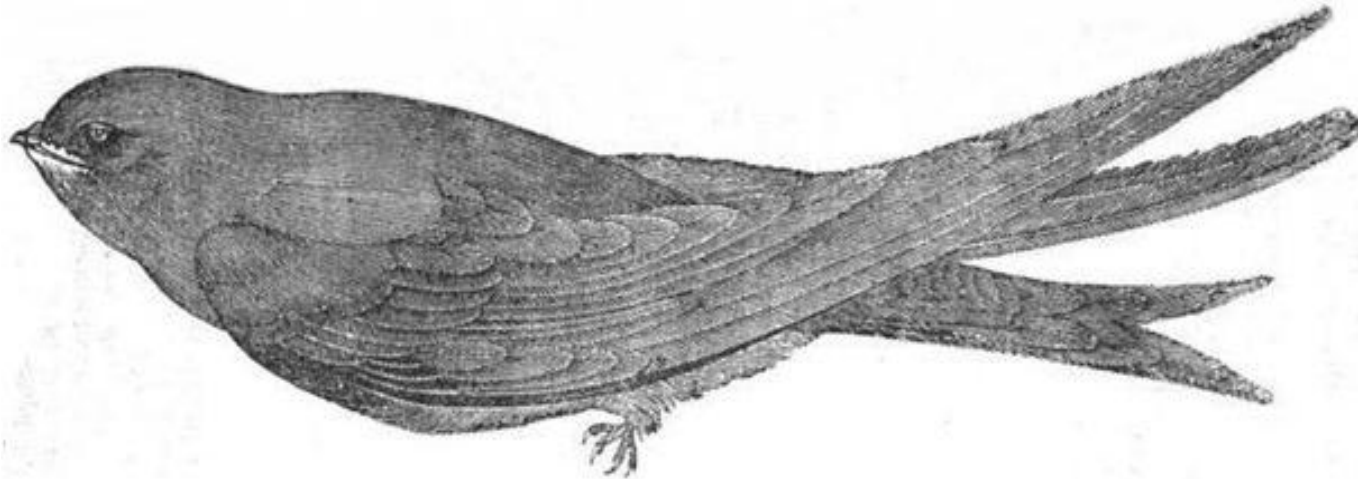
1832

APUSlist 4373

T[homas Ignatius M.]
Forster

On the flight and
migration of
birds

London
1832





1910



APUSlist 2343

F. B. Kirkman

The Swift

The British bird book:
an account of all the
birds, nests and eggs
found in the British
Isles 02

London
1910



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1951 – 1985

APUSlist 0459, 0182, 0001

G. P. Dement'ev, N. A. Gladkov,
E. S. Ptushenko, E. P. Spangenberg,
A. M. Sudilovskaya

BIRDS of the SOVIET UNION (Ptitsy Sovetskogo Soyuza)

Volume I

G. P. Dement'ev and N. A. Gladkov, Editors

Gosudarstvennoe Izdatel'stvo
"Sovetskaya Nauka"
Moskva 1951

Translated from Russian

Israel Program for Scientific Translations
Jerusalem 1966

Handbook of the Birds of Europe the Middle East and North Africa

The Birds of the Western Palearctic

Stanley Cramp *Chief Editor*
Duncan J Brooks Euan Dunn Robert Gillmor P A D Hollom Robert Hudson
E M Nicholson M A Ogilvie P J S Olney C S Roselaar K E L Simmons
K H Voous D I M Wallace Jan Wattel M G Wilson

Volume IV Terns to Woodpeckers



HANDBUCH DER VÖGEL MITTELEUROPAS

BAND 9

COLUMBIFORMES – PICIFORMES

AULA-VERLAG WIESBADEN

The latest national ornithologies.



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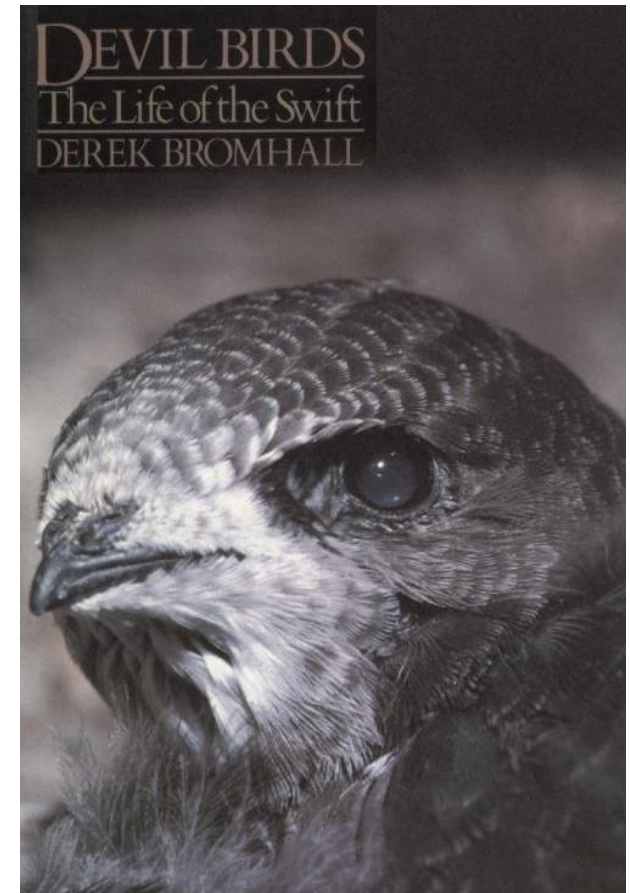
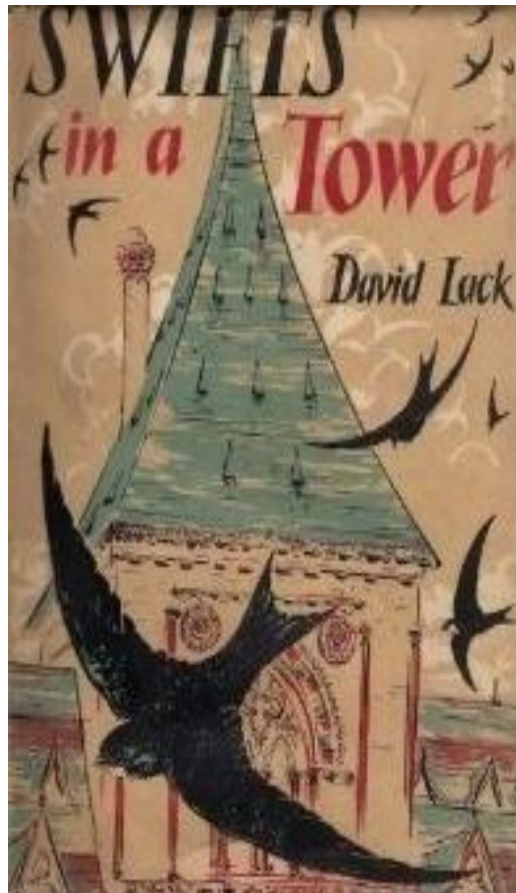
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Monographs

APUSlist 0031, 0150



Monographs in various languages.



Monographs

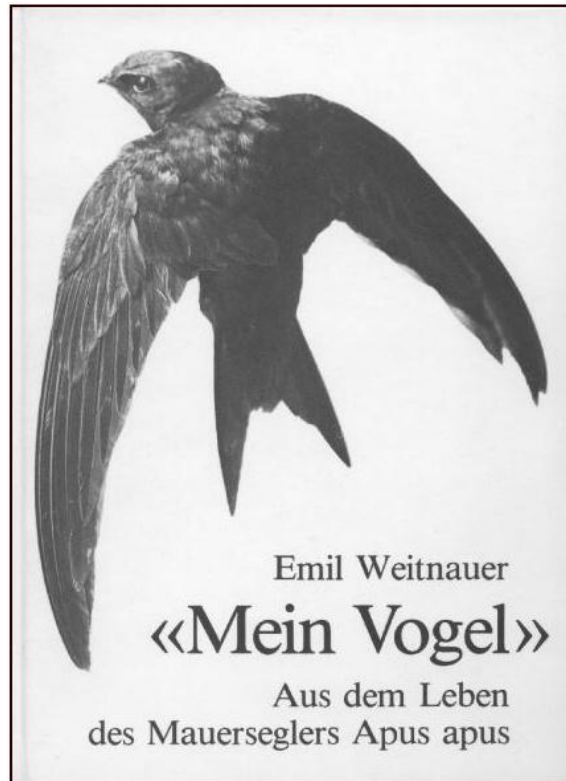
APUSlist 1394, 0069, 3924

LOS VENCEJOS

*Su Biología, su Presencia
en las Mesetas Españolas
como Aves Urbanas*

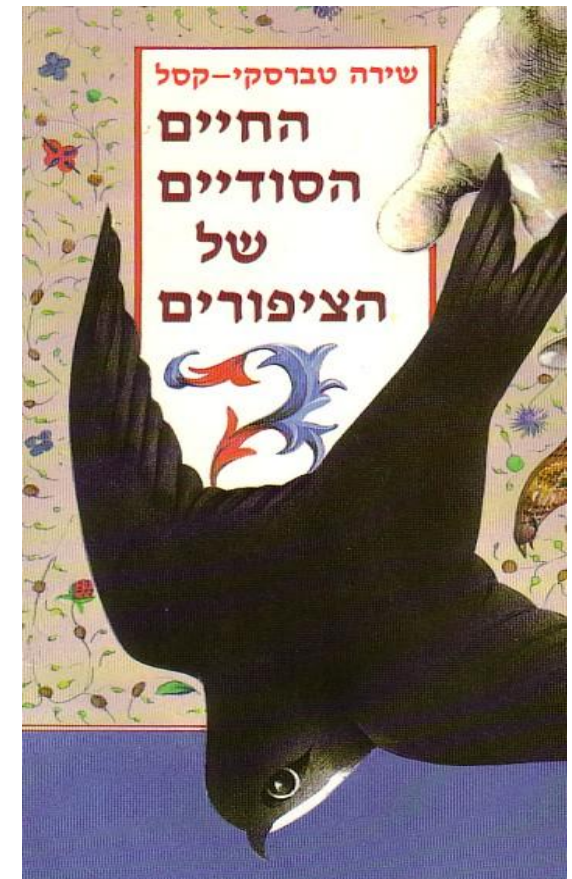
F. BERNIS
Catedrático Emérito,
Universidad Complutense

Facultad de Ciencias Biológicas
Universidad Complutense de Madrid



Emil Weitnauer
«Mein Vogel»

Aus dem Leben
des Mauerseglers Apus apus





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Monographs

APUSlist 2869, 1443, 4312

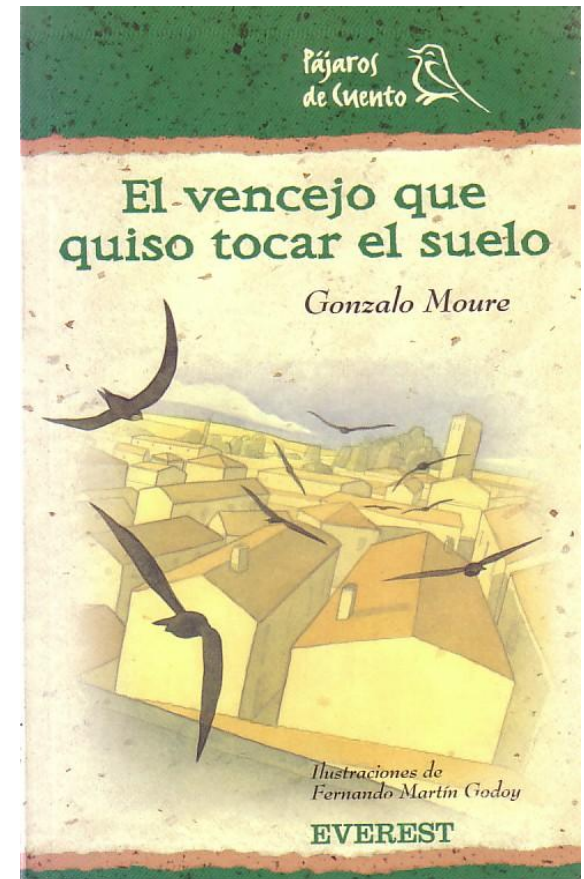


Lionel FREDERIC

LE MARTINET NOIR



EVEIL Editeur



Monographs in various languages.



Productive Commonswift enthusiasts and one of of their ectoparasites

Collingwood Ingram 1920 - 1972 – 52 years

Alfred Schifferli 1934 - 1984 – 50 years

Ludwig Schuster 1905 - 1952 – 47 years

Otto Schnurre 1921 - 1963 – 42 years

Hans Geyr von Schweppenburg 1917 - 1957 – 40 years

Gordon B. Thompson 1935 - 1975 – 40 years

Francisco Bernis 1951 - 1988 – 37 years

Richard K. Brooke 1961 - 1997 – 36 years



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www.commonswift.org



1995

The screenshot shows the homepage of the Commonswift Worldwide website. At the top, there is a header with the title "Commonswift Worldwide" and the URL "www.commonswift.org" on both sides, flanked by illustrations of a Common Swift in flight and a close-up of its head. Below the header is a navigation bar with links in 13 languages: English, Српски, Deutsch, עברית, Türkçe, Hrvatski, Nederlands, Español, Русский, Français, Italiano, Polski, and Română. On the left side, there is a vertical menu with links to Home, The Commonswift >>, The Commonswift, Pictures >>, Discussion Forum, Bibliography, APUSlife (highlighted), Protection & Useful, Birdstrike & Flight, Arts, Contributors, About this page >>, Other pages on the, Things to buy, Other Swift species, International projects, and Webcam. The main content area features the title "Commonswift" and a welcome message: "Welcome to the first website about the Commonswift (Apus apus)." Below this, there are two informational boxes. The first box says: "You've found an injured or sick Commonswift? Click [here](#) for advice on first aid, medical and veterinary help." The second box says: "You've found a Swift chick that cannot fly because it is not yet fully developed? Click [here](#) for advice on diet and how to support chicks until they can fly."

The first Common Swift site on the Internet in 13 languages and with over a million hits. This was followed by many more.

Meanwhile google shows 260.000 entries for "Common Swift" (May 2011).



Cameras



19: ツバメは、どんなに傾いても頭は水平である

*APUS*list 4662 Fujii, Junko (2008) :

The Science of Road Bikes, p. 90.

*APUS*list 2873, 4662



[Flight - movie \(mpeg file, 263 KB\)](#) by Ludovic

http://www.commonswift.org/flight_english.html

Fotos Ulrich Tigges, ARD, Ludovic



Commonswift Worldwide

www.commonswift.org

www.commonswift.org



Webcams



Museum Oxford, Ilan, August Atzert, Dieter Meister, GierzwaluwMechelen, AmnonnHahn



Chronology of the knowledge of the feet

From Apodes to "true paws" 350 BCE – 1811 – 2007



APUSlist 4744

Conrad Geßner

Vogelbuch oder
Außführliche
beſchreibung, und
lebendige ja auch
eygentliche
ontrofaktur und
Abmahlung aller und
jeder Vögel, wie
dieſelben unter dem
weiten Himmel
allenthalben gefunden
und geſehen werden

Frankfurt am Main
1600



Chronology of the knowledge of the feet

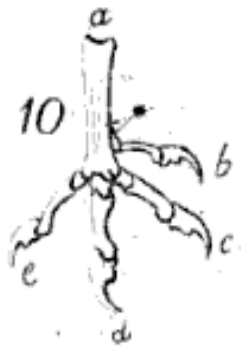
From Apodes to "true paws" 350 BCE – 1811 – 2007

APUSlist 4529, 4336, 4745, 4379, 3430

From about 4500 publications on the Commonswift, eight are involving a specific figure. „They are true paws.“ (Nitzsch 1811)



1779



1811



1835



1837



Piede di Rondone

1904

Leske 1779, Nitzsch 1811, Burmeister 1835, Schilling 1837, Arrigoni degli Oddi 1904



Chronology of the knowledge of the feet

From Apodes to "true paws" 350 BCE – 1811 – 2007

APUSlist 3104, 3272, 0001



1949



Рис. 46. Лапа черного стрижа.

1970

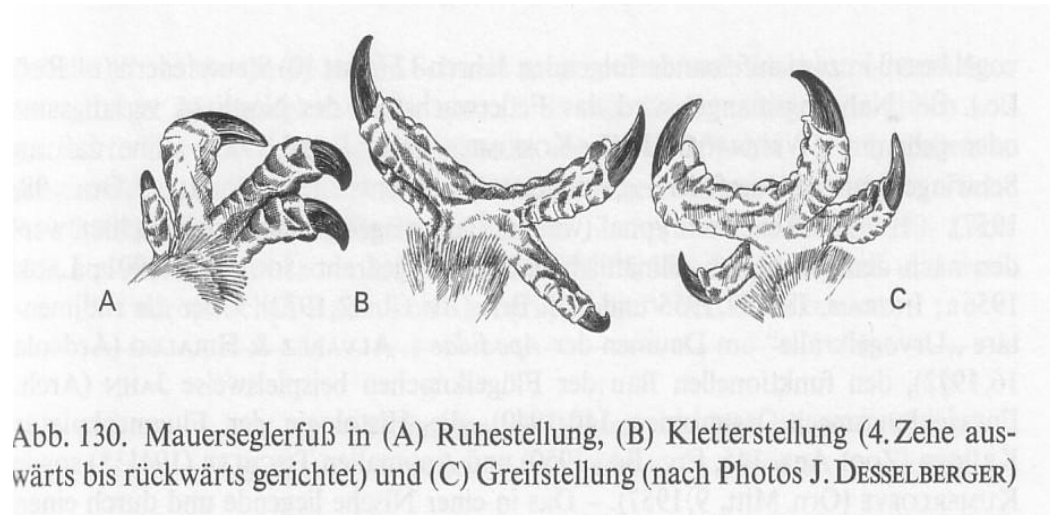


Abb. 130. Mauerseglerfuß in (A) Ruhestellung, (B) Kletterstellung (4. Zehe auswärts bis rückwärts gerichtet) und (C) Greifstellung (nach Photos J. DESSELBERGER)

1980



Chronology of the knowledge of the feet

From Apodes to "true paws" 350 BCE – 1811 – 2007





Chronology of the knowledge of the feet

From Apodes to "true paws" 350 BCE – 1811 – 2007



Fotos Ulrich Tigges, Amnonn Hahn, Louis-Philippe Arnhem



Chronology of the knowledge of the feet

From Apodes to "true paws" 350 BCE – 1811 – 2007





Chronology of the knowledge of the feet

From Apodes to "true paws" 350 BCE – 1811 – 2007



Foto Amnonn Hahn



Hibernation 1555 – 1676 – 2010

Many authors mentioned the hibernating in the water, with and without a source. According to Forster 1814 Bishop Olaus 1558 was the source of this observation, but it is mentioned by Gessner 1555. APUSlist 4007 Forster, F.L.S. 1814

APUSlist 4014,
4007, 4682, 4746

plumage is lost before it retires. I cannot trace them to their winter quarters, unless in one instance of a pair found adhering by their claws and in a torpid state, in February 1766, under the roof of Longnor Chapel, Shropshire: on being brought to a fire, they revived and moved about the room. The feet are of a particular

APUSlist 4014 Pennant, Thomas (1776) British Zoology vol. 01, p. 340-342. London

„Went fishing yesterday and saw a dozen or more swallows, skimming the surface of the lake, occasionally diving beneath the surface.“ [http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-](http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide/msearch?query=diving&submit=Search&charset=windows-1252)

Worldwide/msearch?query=diving&submit=Search&charset=windows-1252. Message no. 8732, 2.Sep.2010



Hibernation 1555 – 1676 – 2010



serer materia antreffen. Als befinden wir/ daß das
Störche und Schwalben/ nach etlichen/ sich des
Winters sollen ertappen lassen/ entweder in

C onvallibus
I licibus &c.
C onclavibus.
O rbe lunari.
N eptund.
I ndiā &c.
A lgā..

H abitaculis.
I ndiā, &c.
R ivis.
U allibus.
N idis
D endris.
O rbe lunari.

Das ist :

S ee.
F ahlen
O rtern/da es warm ist.
R ohre.
C oder Monde.
H ölgern.

S chiffe.
C ammeen.
D ohan Thärmern.
Wassern.
A ngern/ Thälern.
L ufft oder Monde.
B äumen.
E gypten/ &c.
N estern.

APUSlist 4669

Johannes Praetorius

Storches u[nd]
Schwalben Winter-
Quartier

Frankfurt - Leipzig
1676

Found in holes of high towers.

Praetorius 1676, pp 56,100.

[http://books.google.com/books?id=s6l-](http://books.google.com/books?id=s6l-AAAAcAAJ&printsec=frontcover&dq=Johannes+Praetorius+Storches+u%5Bnd%5D+Schwalben+Winter-Quartier&hl=de#v=onepage&q&f=false)

[AAAAcAAJ&printsec=frontcover&dq=Johannes+Praetorius+Storches+u%5Bnd%5D+Schwalben+Winter-Quartier&hl=de#v=onepage&q&f=false](http://books.google.com/books?id=s6l-AAAAcAAJ&printsec=frontcover&dq=Johannes+Praetorius+Storches+u%5Bnd%5D+Schwalben+Winter-Quartier&hl=de#v=onepage&q&f=false)

Excursus

1676 Praetorius' world

He was born 1630 in the middle of the Thirty Year's War. He studied Natural History in Leipzig and became Magister in 1653. He was fascinated from the academic life in Leipzig.

Most of his time he spent in the library and he discovered many of the treasures to be found there. He was an avid writer. He compiled fairy tales and legends, among them the famous Rübezahl legends. He published more than fifty books.

[http://de.wikipedia.org/wiki/Johannes_Praetorius_\(Schriftsteller\)](http://de.wikipedia.org/wiki/Johannes_Praetorius_(Schriftsteller))

Johannes Praetorius
(Hans Schultze)
Praetorius Zetlingensis



Nocturnal roosting flights 1797 – 1914 – 1972

First description in detail of the evening
rise and morning return.

APUSlist 0048

Lazzaro Spallanzani

Viaggi alle due Sicilie e
in alcune parti
dell' Appennini 6

Pavia
1797

Cited after **APUS**list 0001 Weitnauer, Emil & Scherner, Erwin R. (1980): *Apus apus* (Linnaeus 1758) – Mauersegler. In
Glutz von Blotzheim, U. & Bauer, K.: Handbuch der Vögel Mitteleuropas, vol. 9, Wiesbaden



Nocturnal roosting flights 1797 – 1914 – 1972

“But a farm boy to whom Mr. W. H. Hudson was talking, near Wells, told him that they remained flying about all night, and that he had often seen them rush straight down as if falling from the sky at the same place soon after sunrise, when he was crow-scaring. This is told in "Nature in Downland," and the boy said that he had found it out for himself. And Mr. Edward Hart, of the Bird Museum at Christchurch, tells me that he also found out some 14 or 15 years ago that the Swifts ascend and spend the night in the air, and that he has counted them up at sunset and counted them down at sunrise.”

APUSlist 4800

Aubrey Edwards

The Night-Soaring of
the Swifts

In
Proceedings of the
Dorset Natural History
Antiquarian Field Club
35: 50-54

1914



Nocturnal roosting flights 1797 – 1914 – 1972

"At 11-12th July, we managed to locate
a flock of birds with the plane at
22.40 o'clock recorded by radar and
could it identify it as group of Swifts."
(p. 79)

APUSlist 0054

Emil Weitnauer

Zur Frage des
Nächtigens beim
Mauersegler
V. Beitrag

Der Ornithologische
Beobachter 53: 74-79

1956



Nocturnal roosting flights 1797 – 1914 – 1972

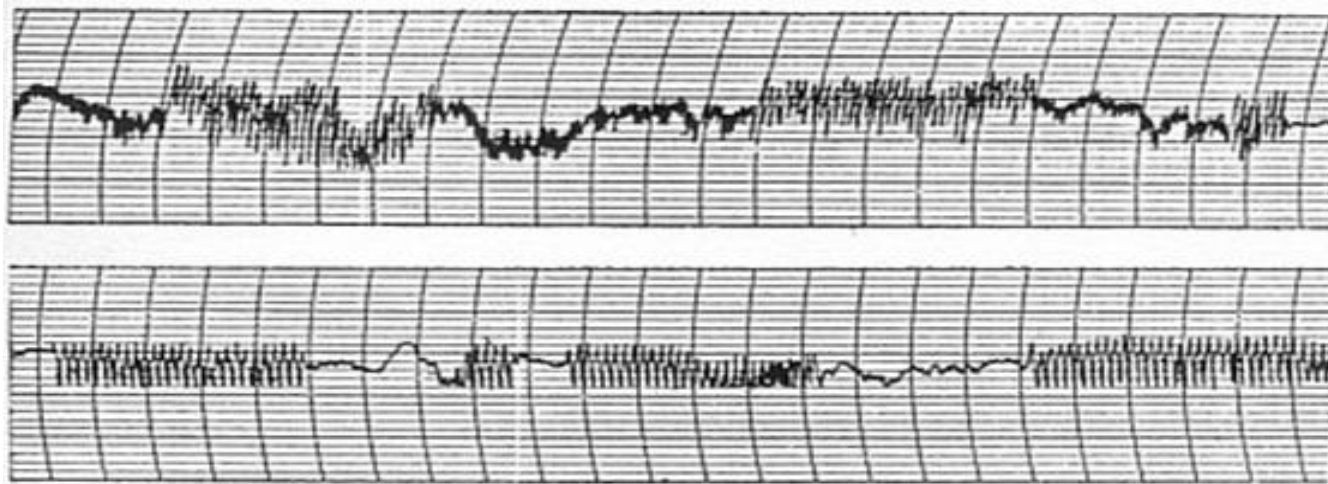


Abb. 1.

Typische Flügelschlagmuster zweier in der Luft nächtigender Mauersegler *Apus apus*; das obere Muster mit 7 Flügelschlägen pro Sekunde und Schlagphasen von 1 und 5 Sekunden Dauer, das untere mit 6 Schlägen pro Sekunde und Schlagphasen von 1, 5 und 6 Sekunden Dauer.

APUSlist 0007

Bruno Bruderer &
Emil Weitnauer

Radarbeobachtungen
über Zug und
Nachtflüge des
Mauerseglers (*Apus
apus*)

Revue suisse de
zoologie 79:
1190-1200

1972

Typical pattern of the wing beat two Swifts during a night flight. The top model with 7 wing beats per second and an impact phase duration of 1-5 seconds. The bottom model with 6 beats per second and impact phases of 1.5 and 6 seconds.

APUSlist 0007



Aerial copulation 1776 – 1957 – 2008

APUSlist 4014, 4710

Even its amorous rites are performed on high.

APUSlist 4014 Pennant, Thomas (1776) : British Zoology vol. 01, p. 340-342. London

Begattet sich im Neste mit großem Geschrey. Soll sich
aber auch nach den Beobachtungen einiger Naturforscher,
im Fluge begatten. Brütet jährlich nur einmal. Legt

APUSlist 4710 Donndorf, Johann August (1793): Handbuch der Thiergeschichte 396-397. Leipzig



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www.commonswift.org

www.commonswift.org



Aerial copulation 1776 – 1957 – 2008



APUSlist 0259



APUSlist 0259 Mester & Prünke 1957



Aerial copulation 1776 – 1957 – 2008





Soaring from the ground 1775 – 2009

is very small and weak. It is with difficulty that this bird can raise itself from the ground, on account of the

*APUS*list 4012, 4014, 3962

*APUS*list 4012 Ward, Samuel (1775) "A modern system of natural history 07, p. 58.

es. The length near eight. The feet of this bird are so small, that the action of walking and of rising from the ground is extremely difficult; so that nature hath made it full amends, by furnishing it with ample means for an easy and continual flight. It is

*APUS*list 4014 Pennant, Thomas (1776) : British Zoology vol. 01, p. 340-342.

THE ULTIMATE FLYING MACHINE

Swifts are probably the ultimate flying machine and are so well adapted to a life in the air they are unable to take off from the ground. Swifts

*APUS*list 3962 Mayer, Edward (2009): BTO News Mach – April 2009, p.. 11



Experiences on the occupation of new nesting sites

*APUS*list 0041

Swifts can be attracted and encouraged to breed by using species-specific calls. Tigges 1995

The colonization of several possible nesting holes always starts from the outside. Hein Verkade Lecture Commonswift Seminars Berlin 2010

By briefly closing the entrance holes, the attention can be awakened.
Mark Smyth

After 15 years of offering nest sites and 12 years of attracting Swifts with duet calls, one pair is spending the nights in a chamber of my colony box.
Ulrich on <http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 3066

One box which was put up on June 8th had 2 Swifts enter 15 seconds later and have bred. Brian on <http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 3119



Swifts and sports



“One day, when I as participating in a paragliding competition, I heard the unique call of the swift. I saw more than 20 birds buzzing crazily in the sky at a height of

200 meters, feasting on a swarm of insects. At that very moment, I really benefited from them. Thanks to them, I noticed a thermal and rose with the swifts to a

height of 2,000 meters. I did so well in the competition that I was chosen to be member of the Israeli team and flew with it in the world championship in Austria.”

Amnonn Hahn

APUSlist 3868

Ya'acov Shkolnik

Winging Swiftly through the Air

Eretz

Tel Aviv
2008



Swifts and aircrafts





Swifts – Стрижи and aircrafts



2. «Стриж» А. Орехова (г. Коломна Московской обл.);
http://aeroclub.com.ua/index.php?module=articles&c=La&p=3&a=8&action=print_version



*A ground shot of the lovely 1946 Swift
 polished metal finish with blue paint t.*

*One of the Aeroschellville crew g
 around to the likely anchor point f*

http://arch.ced.berkeley.edu/kap/background/typical_session.html

http://members.tripod.com/airfields_freeman/TX/Airfields_TX_FtWorth_N.html

Used Globe Swift Single Engine Prop For Sale



http://www.minijetplanes.com/browse_aero_make_res.php?MID=GLOBE&MDLID=SWIFT

In 1946, Globe & TEMCO together produced a total of 833 Swifts in just over a 6 month period



A Globe GC-1A Swift, 1948.



Swifts and aircraft

Supermarine Swift



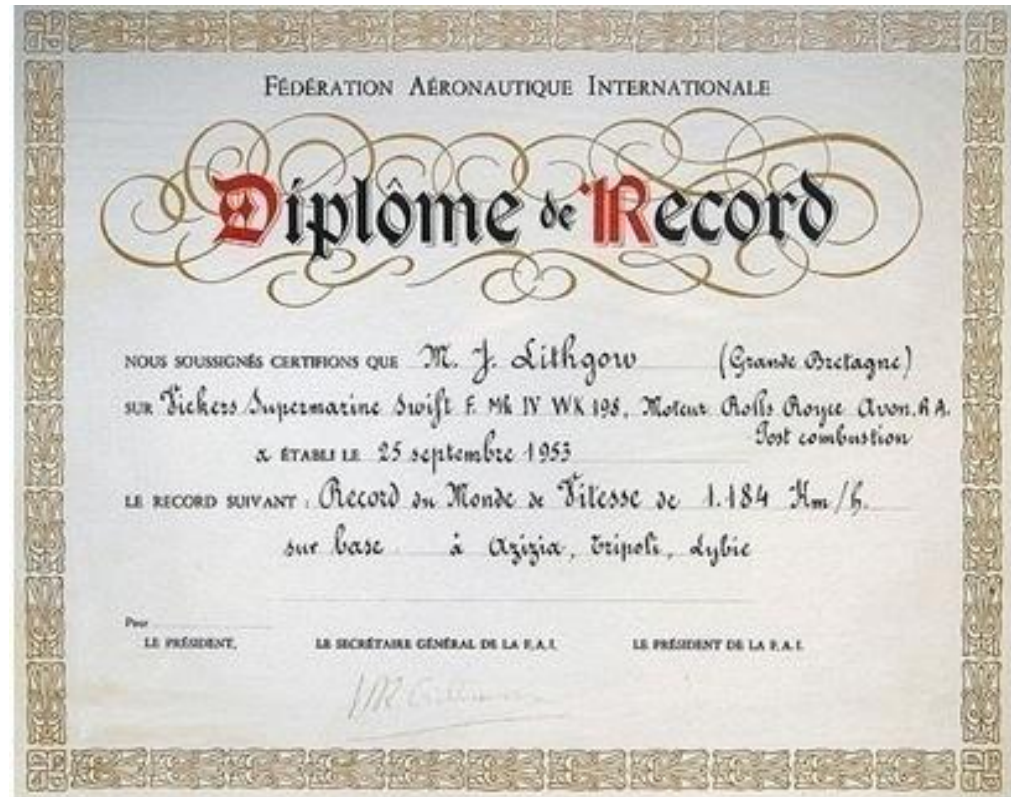
Swift F Mk.2 WK242 / "P" of No. 56 Sqn.



Swift F.1 test aircraft operated by Vickers-Armstrong in 1953



Swift FR.5 landing at the Farnborough air show in 1955



World Air Speed Record certificate for Swift [WK198](#), piloted by Mike Lithgow.



Swifts – Стрижи and aircrafts



Сверхлегкий многоцелевой самолет 3-10 "Стриж"
www.aviajournal.com/arhiv/2004/11/01.html



Пилотажная группа "Стрижи" во время выступления на МАКСе-2007
<http://www.svobodanews.ru/content/article/1800757.html>



Swifts – Стрижи and aircrafts



Самолеты МиГ-29 АПГ пилотажной группы "Стрижи"
© Алексей Бок / Фотобанк Лори
<http://lori.ru/620623>



Авиашоу . Самолеты. «Стрижи»
и «Русские Витязи» над Финским
заливом.

[http://fotki.yandex.ru/users/
vlgashnev/view/197778/?page=4](http://fotki.yandex.ru/users/vlgashnev/view/197778/?page=4)



Самолёт *Стриж*

http://baby-hall.ru/shop/CID_51.html

[← Назад](#) Авиашоу . Самолеты. «Стрижи» и «Русс» [Вперед](#)



<http://fotki.yandex.ru/users/vlgashnev/view/198327?page=4>

Самолет Стриж СП-б (Плэйдорадо)



Цена: 188,79 Руб.



Swifts – Стрижи and aircrafts





Swifts – Стрижи and aircrafts



<http://www.tv-pul.com/avia/23-m.jpg>



Swifts and aircrafts



Shoreham Airshow is one of the UK's finest airshows with a fantastic air display and exciting attractions. On August 23rd 2010, the 21st Royal Air Forces Association airshow which took place at Shoreham, West Sussex attracted the attention of nearly 15,000 fans. During the airshow, Mike Newman's crash was probably considered to be one of the best recorded glider accidents in the history. The 35-year-old pilot luckily managed to escape from the wreckage of the high performance Swift S-1 aircraft after it slammed into a runway. He crashed while performing for the Swift Aerobatic Display Team.



Amateur photographer Rob Yuill, age 62 from Hornchurch, was able to record the whole incident in his camera.



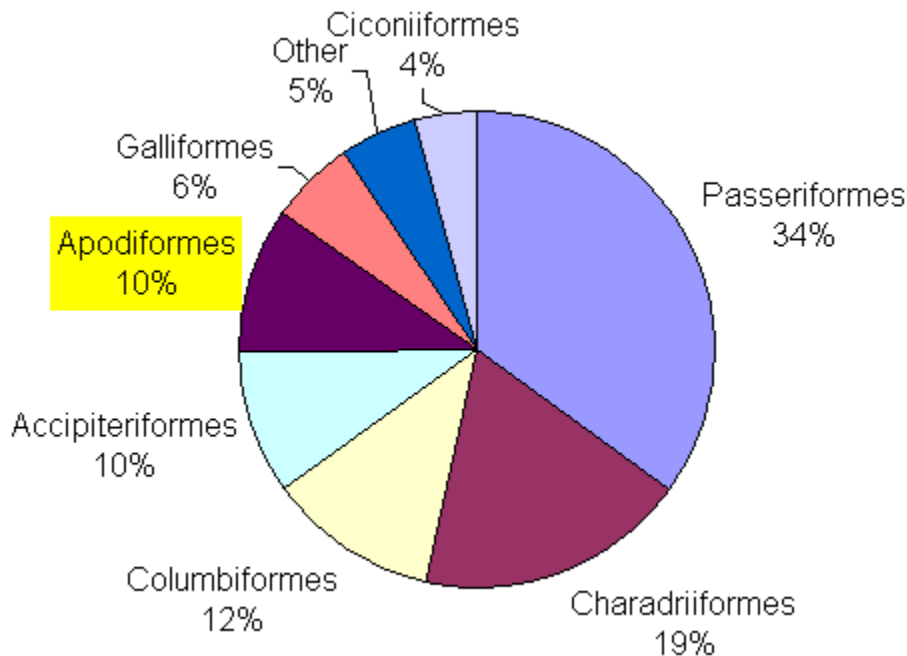
Swifts and aircraft

APUSlist 2786

Ulrich Tigges

Common Swift (*Apus apus*) סיס החומות,
memo for IAF

2002



Percentage of avian orders involved in bird strikes in the IAF 1991-2001.

Graphic Courtesy of Judy Shamoun-Baranes, TAU/IAF, 2002



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www.commonswift.org



NGO's for the protection of the Commonswift



<http://www.gierzwaluw.com/>

<http://www.mauersegler.com/>

<http://www.sisim.co.il/>



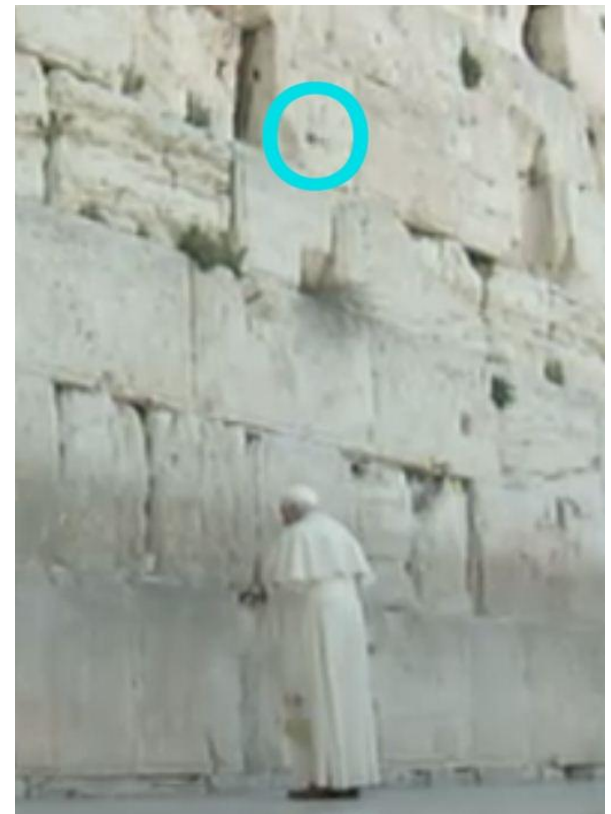
“Holy Birds” Rabi Yosef Cornfeld

*APUS*list 2632, 2854

Commonswift Worldwide © Ulrich Tigges 2011



Foto Ulrich Tigges



German TV ARD



“Holy Birds” Rabi Yosef Cornfeld

Shavuot night prayer vigil

I will rise and go down
into streets of cobbled light and stone,
where kindled crevices and courts
blaze tapers and pearled flames
of incandescent Torah drone.
Down to the Gates, and the patient Wall
welcomes a great gathering of longing.
The air rings with prayer's song
and celebratory-dance in the Aleph-Bet of
Creation.
As starlight retreats
I and the Swifts descend
into the clamor of summons and beseech
O' Lord, you are besieged.

Shira Twersky-Cassel

APUSlist 3924

Shira Twersky-Cassel

The secret life of birds

1995



Heraldry



Martlet is an older word for Swift that is still used in heraldry. S. Whitechapel *APUS*list 2996

*APUS*list 2996, 4068

Samuel Kent

The Banner Display'd:
or, an abridgement of
guillim: Being a
Compleat System of
heraldry, In all its Parts.
With proper Cuts and
Tables

London
1726





Commonswift Worldwide

www.commonswift.org

www.commonswift.org



Commonswift in the Economy



<http://strizh-10.narod2.ru/>

המים המינרליים של סן בנדיטו, מעיינים אליך מקרחתן הקדם במחמם האלפים, לאחר שספחו, במשך 80 שנה, משכבות הסלע שבהן, את המינרלים בצורתם הטיבעית עשאו ללא מעד אדם, מכאן בעוסק 700 מטר, בשמורת טבע מבודדת.

מינרליים ע"י אקוה מינרלה סן בנדיטו בע"מ
סקורצה (ונציה) איטליה,
מינרליים ע"י טמפ תעשית ברה בע"מ
אזור תעשייה קרית נורדאו תנ"ה.
מחלקת שירות לקוחות
טל. 370-300-800 (שירות חיוני)

כשר
בהשגחת הרב אלוף רקיע-נצח
באשר הרבנות הראשית לישראל
BOTTLED AT SCORZE - ITALY

דל נתון

1.5 ליטר

SAN BENEDETTO
מים מינרליים טבעיים
Premium

רכיבים	מ"ג/ליטר
דו-פחמות	306
סידן	48.2
מגנזיום	29.4
סיליקה	14.3
נתרן	6.9
תנקות	8.2
נפרות	3.8
כלורידים	1.9
אשלגן	1.0
ערך הגבה	7.21

1.5 ליטר

כהשגחת הרב
אשר הרבנות
ראשית לישראל

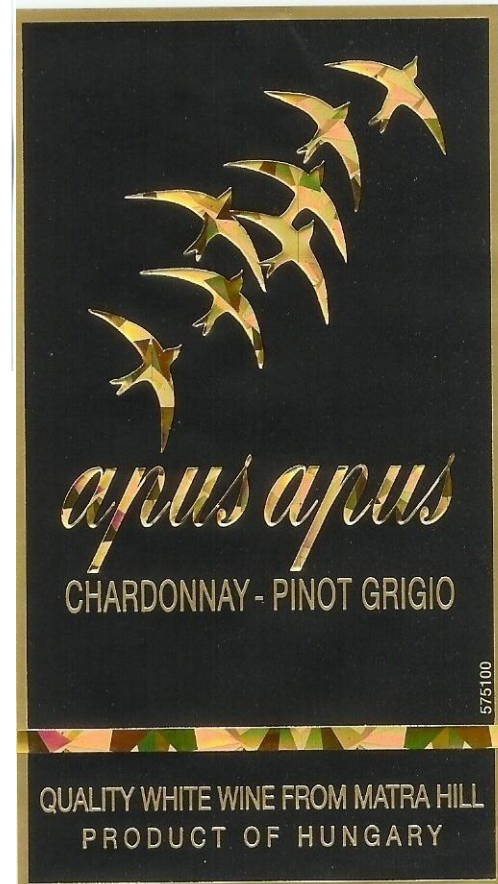
LOW SODIUM

1.5 ליטר

SAN BENEDETTO
Natural Mineral Water
Premium

Natural

מים מינרליים מהאלפים





Commonswift Worldwide

www.commonswift.org

www.commonswift.org



Commonswift in the Economy

20
STUTTGART
24.-5.2003
Mauersegler
Vogel des Jahres
NABU FREIZEITLISTEN 24211

Mauersegler
Vogel des Jahres 2003

NABU und LBV haben 2003 einen weiteren Bewohner der Stadt zum Vogel des Jahres gekürt. Der Mauersegler (*Apus apus*) steht ganz oben auf der Liste der Kampagne »Nachbar Natur. Ökologische Konzepte für Städte und Dörfer«. Auf die ökologischen Probleme unserer Dörfer und Städte aufmerksam zu machen ist ein Ziel der Kampagne.

Der Mauersegler ist in seinem Bestand derzeit nicht akut bedroht. Unter Wohnungsnot: Alte Häuser werden saniert und neue gleich gebaut, so dass es zunehmend an Nistmöglichkeiten mangelt. Als der Vogel kehrt er noch viele Jahre in die Gegend seines Brutplatzes. Der Mauersegler an diesen Stellen jedoch keine Nistplätze mehr, so wird der Bestand auf Dauer verringert und der Mauersegler langsam aus den Dörfern verschwinden.

24211 Preetz





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Commonswift in the Economy





Commonswift Worldwide

www.commonswift.org

www.commonswift.org

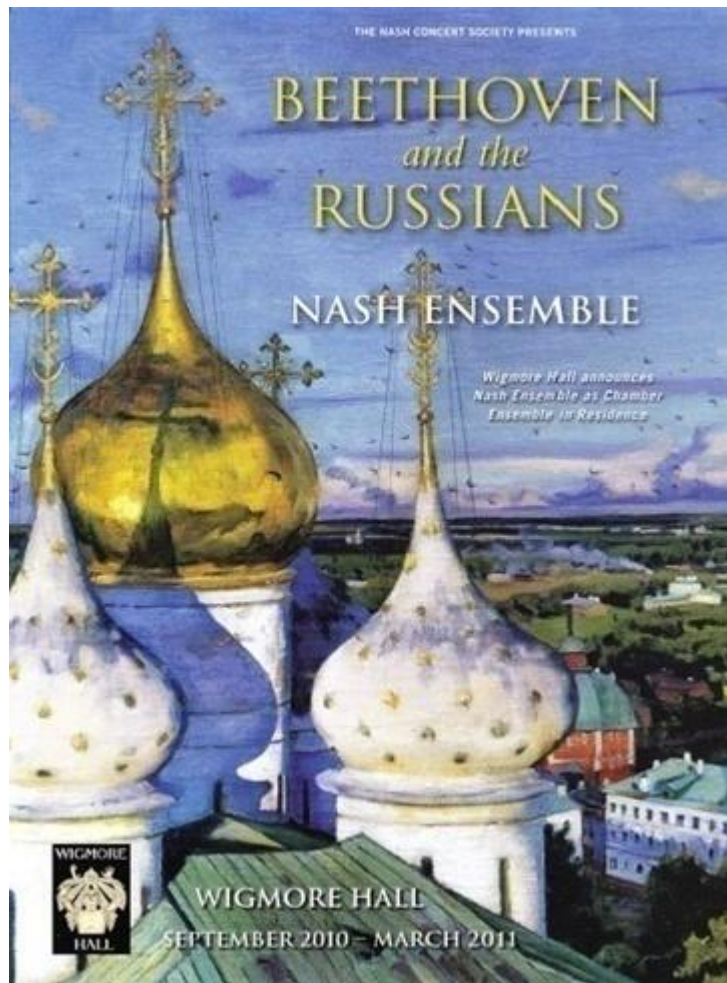


Commonswift in the Economy





Commonswift in the Economy



<http://www.wigmore-hall.org.uk/whats-on/series/beethoven-and-the-russians>,
<http://www.nashensemble.org.uk/images/leaflets/russians.jpg>



Enthusiasm



Rabbi Shmuel Rabinowitz, the Rabbi of the Kotel and the holy places, and Yael Dayan, deputy mayor of Tel Aviv, speak at the Common Swift welcome party in front of the Western Wall in

Jerusalem on
25. Feb. 2008





Commonswift Worldwide

www.commonswift.org

www.commonswift.org



Enthusiasm



Foto Amnonn Hahn

The attendees of the first Berlin Commonsift Seminars 8th -11th April 2010



Enthusiasm

This morning 21-04-2011 at 8.45 I was passing a bridge near the Westertoren in the centre of Amsterdam and above the screeching sound of the passing tram I heard the call of a Swift and quickly threw my bike aside I saw two Swifts gliding over the church! To my own surprise and that of some passing tourists I made a small dance of joy.

This evening at 19.30 I was dozing over a cup of coffee on my balcony and I woke up by a thin screeching sound of 2 Swifts high above my colony.

In Amsterdam the mean date of first Swifts arriving is 27. April
What a lucky day and ... good Friday is still to come !

Evert Pellenkoff

<http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 9354



Enthusiasm



Foto Charles Carels

This afternoon, I climbed up five times the tower of the St Paul's church (Woluwé St Pierre - Brussels) to install two bars of seven swift nestboxes each. Heaven is really high and tiring to reach!

Charles Carels

<http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 9451

I was already very sad, it was 22.10 o'clock, it means really too late for returning. But then, suddenly like a lightning zack-zack he was in the box! The very last bird! Thanks God, I felt tears of joy in my eyes.

Hilde Matthes *in litt.*

La ville, à nouveau, va vibrer de leurs poursuites endiablées, de leurs trilles stridents ("sriii, sriii"). Demain, ils seront là, animant, de leurs sarabandes bruyantes et fantasques, les vieilles pierres assoupies.

Jean Contributed by Bernard Genton



Enthusiasm

I have just received the following from Hannu Koskinnen: "At the beginning (just before 9 o'clock) it was clear what the bird of the day was: Common Swift. The airspace of northern end of the Laguna (de Fuente de Piedra, Málaga province) was literally full of them! I estimated more than 10000!" So know you know, be prepared, they're coming!

Andy, Torremolinos, España

<http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 9480

This afternoon, 5 swifts circled the house all afternoon, nice screaming displays in front of the house, then, just after eight, they dived into the boxes, including a single bird in my camera box. I felt quite emotional: Welcome home!

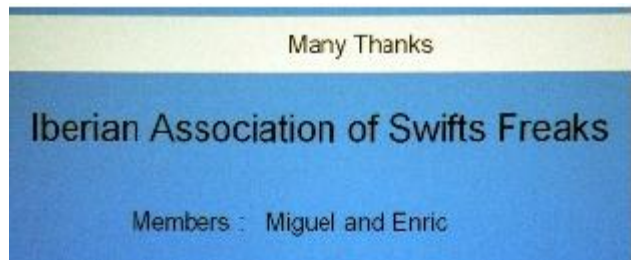
Dick Newell

<http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 9541





Enthusiasm



Enric Fusté on Berlin Commonswift
Seminars April 2010

And finally the first Swifts
came to me today huraaa

Zofia Brzozowska, *in litt.*

Magnificent Erich,
I have a candle burning ;-)

Lyndon Kearsley *in litt.*

Mark Smyth

sings - 'Oh happy days'.

A pair seen to enter one of my gable boxes.
Screaming parties daily that wake me every
morning. CD plays from 8am to dark.

Evicting a starling's second nest I
accidentally pull the box off the wall. I
allowed them to breed to attract swifts. I'm
scared of ladders. The box remains on the
roof for one week and I finally buy a folding
ladder and get the box up. Swifts are back in
like nothing happened.

<http://tech.groups.yahoo.com/group/Swallows-Martins-Swifts-Worldwide>, message 4174



Humour

This joke was told to me by Erich Kaiser:

A planet comes across another one.

Says the first one:

Gosh you look terrible! What is the matter? Are you ill?

The other says: Yes I feel awful, the doctor told me I have something called "*Homo sapiens*".

Well, don't bother then, says the first, it disappears very quickly!

Louis-Philippe Arnhem



Arts

William Shakespeare: Macbeth

APUSlist 1450, 4374

Act I, scene VI

12. Auftritt

King. **T**HIS Castle hath a pleasant seat; the air
Nimbly and sweetly recommends it self
Unto our gentle senses.

Ban. This guest of summer,
The temple-haunting **martlet**, does approve
By his lov'd Mansionry that heaven's breath
Smells wooingly here. No jutting frieze,
Buttrice, nor coigne of vantage, but this bird
Hath made his pendant bed, and procreant cradle:
Where they most breed and haunt, I have observ'd,
The air is delicate.

<http://books.google.com/books?id=wTorAAAAYAAJ&pg=PA403&dq=shakespeare+macbeth+martlet&hl=de#v=onepage&q=martlet&f=false>

König.

Diesß Schloß hat eine angenehme Lage.
Leicht und erquicklich athmet sich die Luft,
Und ihre Milde schmeichelt unsern Sinnen.

Banquo.

Und dieser Sommergast, die Mauerschwalbe,
Die gern der Kirchen heil'ges Dach bewohnt,
Beweist durch ihre Liebe zu dem Ort,
Daß hier des Himmels Athem lieblich schmeckt.
Ich sehe keine Friesen, sehe keine
Verzahnung, kein vorspringendes Gebälk,
Wo dieser Vogel nicht sein hangend Bette
Zur Wiege für die Jungen angebaut,
Und immer fand ich eine mildre Luft,
Wo dieses fromme Thier zu nisten pflegt.

<http://books.google.com/books?id=1XkoAAAAYAAJ&pg=PA34&dq=schiller+1827+macbeth&hl=de#v=onepage&q=mauerschwalbe&f=false>



Commonswift Worldwide

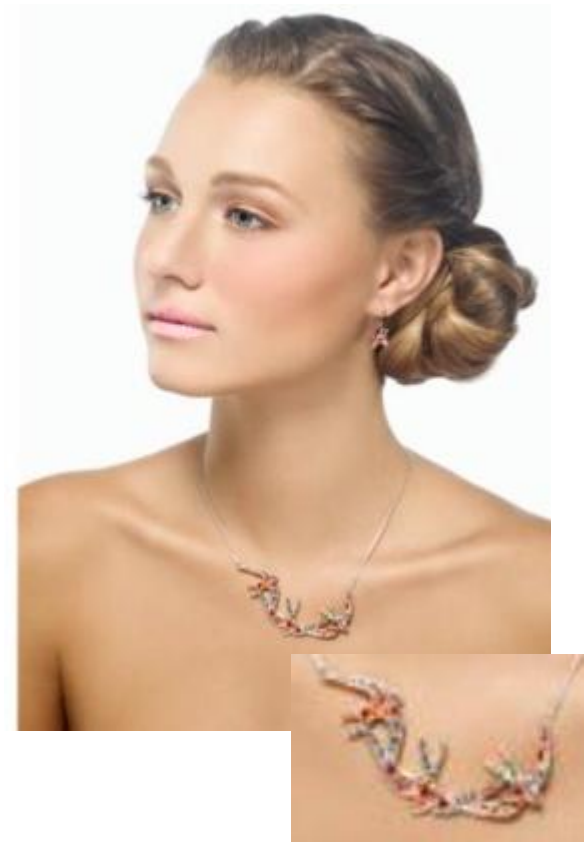
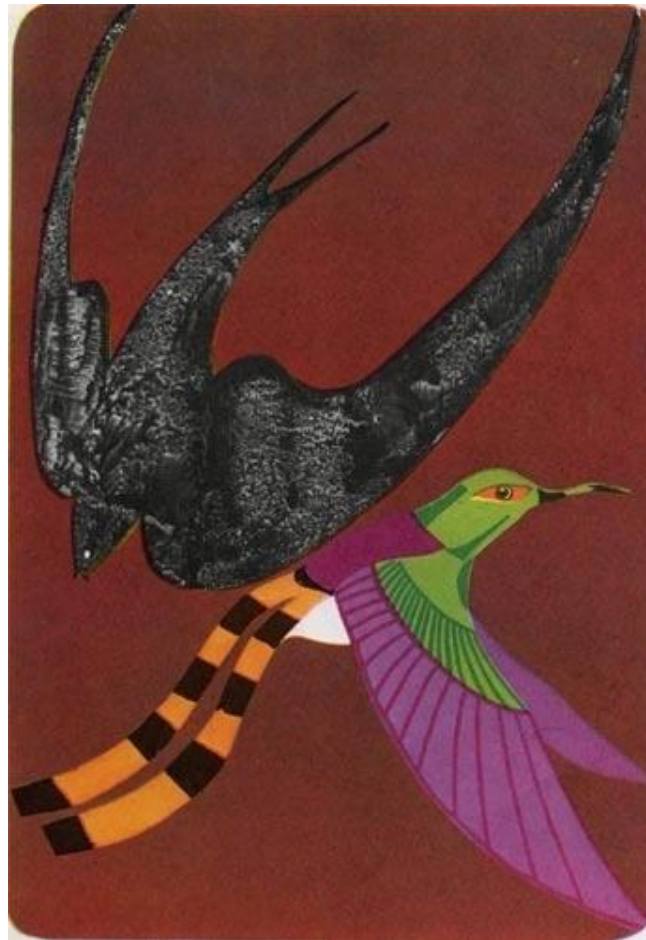
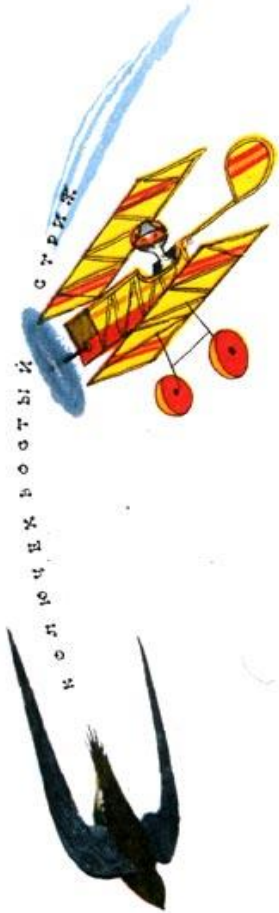
www.commonswift.org

www.commonswift.org



Arts

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<http://adinaplastelina.com/>

<http://bird.geoman.ru/books/item/f00/s00/z0000000/st018.shtml>



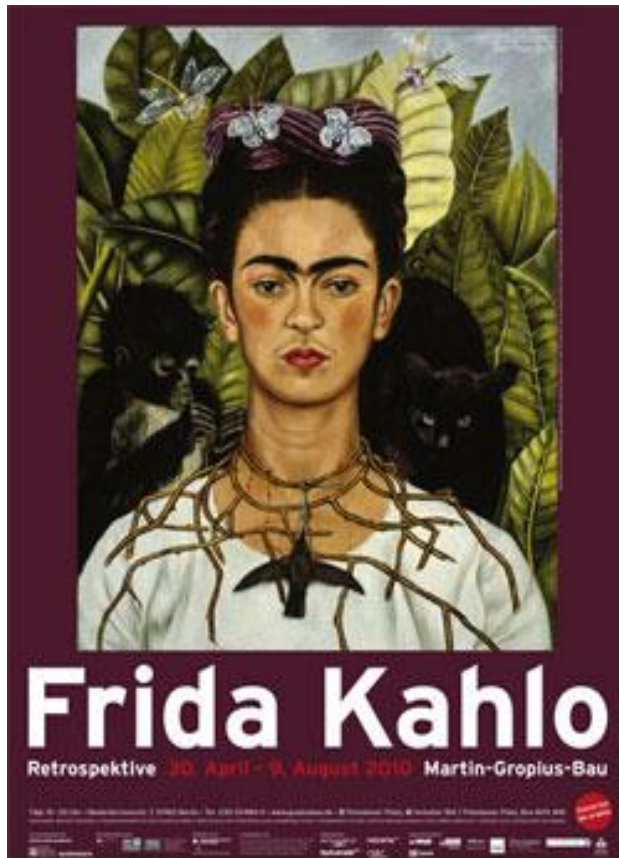
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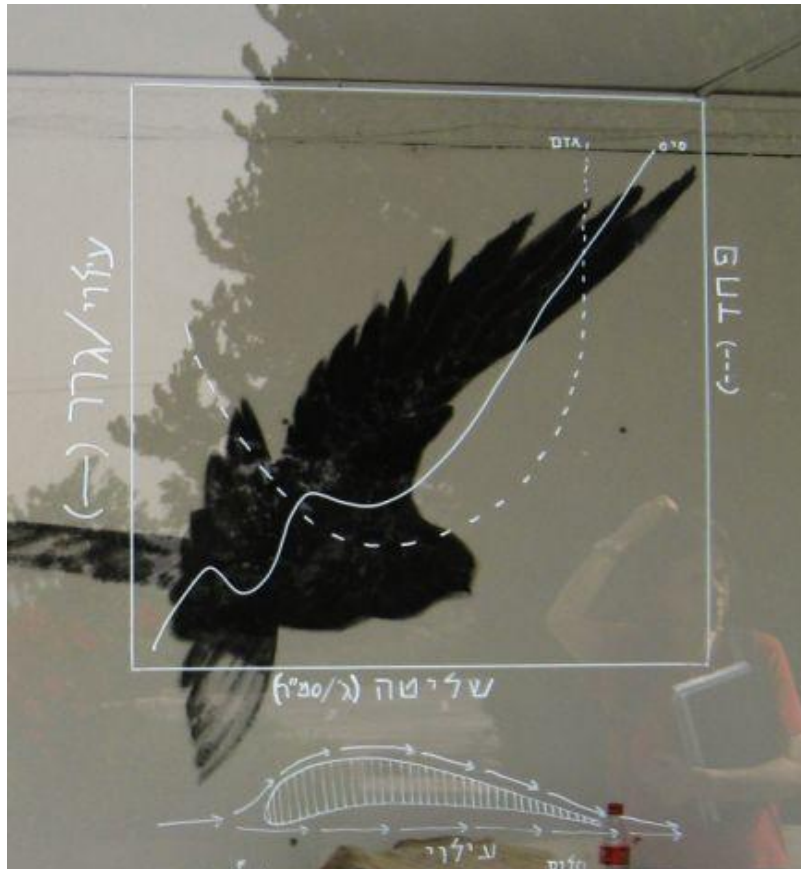
Arts



http://www.berlin-ontherocks.de/wordpress/wp-content/uploads/kahlo_plakat.jpg



Arts





Arts

Parma has cheerful, stirring streets for an Italian town, ... always excepting the retired Piazza, where the Cathedral, Baptistery, and Campanile ... are clustered in a noble and magnificent repose. Their silent presence was only invaded, when I saw them, by the twittering of the many birds that were flying in and out of the crevices in the stones and little nooks in the architecture, where they had made their nests. They were busy, rising from the cold shade of Temples made with hands, into the sunny air of heaven.

Bologna. Again, brown piles of sacred buildings, with more birds flying in and out of chinks in the stones, and more snarling monsters for the pillars. ... I was quartered up at the top of an hotel, in an out-of-the-way room, which I never could find ... where there was no other company but the swallows in the broad eaves over the window.

APUSlist 1813

Charles Dickens

Pictures from Italy

1846



Arts

APUSlist 4074, 2512



Op een Gierzwaluw

Een Gierzwaluw gierde door de lucht
en slaakte een vermoeide zucht
„Waaraan heb ik het toch verdiend,
dat ik, om te kunnen baren,
nog altijd in de lucht moet paren?“

Fietje van der Meij 1998

Annus Mirabilis No. 110

As in a drought the thirsty
creatures cry,
And gape upon the gather'd
clouds for rain;
And first the martlet meets it in
the sky,
And with wet wings joys all the
feather'd train.

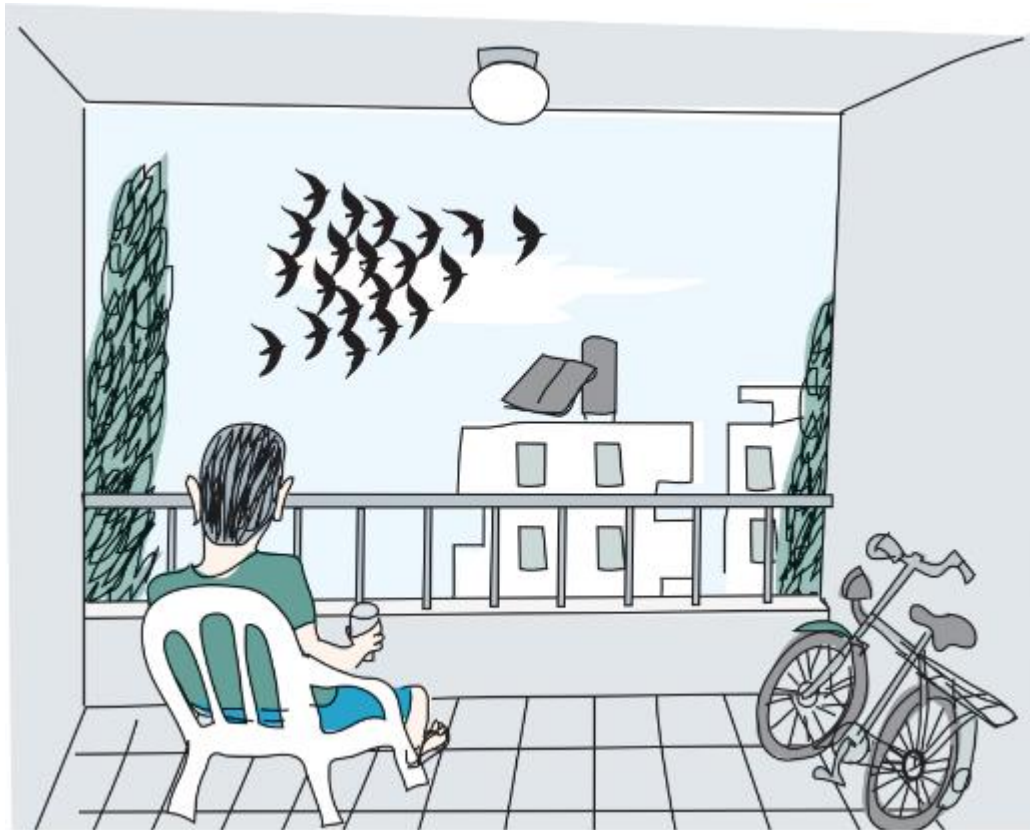
John Dryden 1666



Arlet Wills



Arts



Art design

Amos Biderman

In the coming year we'll sit on the balcony and count the migrating birds.

Song text Ehud Manor



What could not be considered

The earliest relationships between Beijingers and Swifts go back to the Neolithic (New Stone) Age. Zhu Lei, a volunteer of the Beijing Birdwatching Association, told us „Don't forget that Beijing is also known as „Yanjing“ (the Swift Capital).

According to Zhang Zhengwang, ornithologist and professor at the Beijing University, the “Black Bird” in Chinese Yin and Shang Dynasty mythology, and also the “Hu Yan” in Song and Ming Dynasty are in fact the Commonswift, *Apus apus pekinensis*.

APUSlist 4764

Caring for the Common Swift in Beijing: Saving more than Swifts!

Beijing Evening News
June 20, 2009

English by Robin Yuan



What could not be considered

There is no significant negative interaction between the people of Turkey and the individuals of Commonswift. They are protected by the laws and nobody hunts them. Nobody damages their nests, eggs or hatchlings. They are even found featuring in many poems and songs.

Levent Turan

at the Berlin
Commonswift
Seminars 2010



Man and Swift

The Commonswift in cultural history and history of science,
on the basis of the internet and the bibliography **APUS**list

http://www.commonswift.org/APUSlist_english.html

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