

Sharf

Version 0.9, 30th August 2021 DESIGNER: Barbara Bigosińska
ASSISTANCE: Diana Ovezea & Rafat Buchner

SHARF HEADLINE

REGULAR

Headline Regular + *Italic*

MEDIUM

Headline Medium + *Medium Italic*

SEMIBOLD

Headline SemiBold + *SemiBold Italic*

BOLD

Headline Bold + *Bold Italic*

EXTRABOLD

Headline ExtraBold + *ExtraBold Italic*

BLACK

Headline Black + *Black Italic*

SHARF HEADLINE

REGULAR

Text Regular + *Italic*

MEDIUM

Text Medium + *Medium Italic*

SEMIBOLD

Text SemiBold + *SemiBold Italic*

BOLD

Text Bold + *Bold Italic*

EXTRABOLD

Text ExtraBold + *ExtraBold Italic*

BLACK

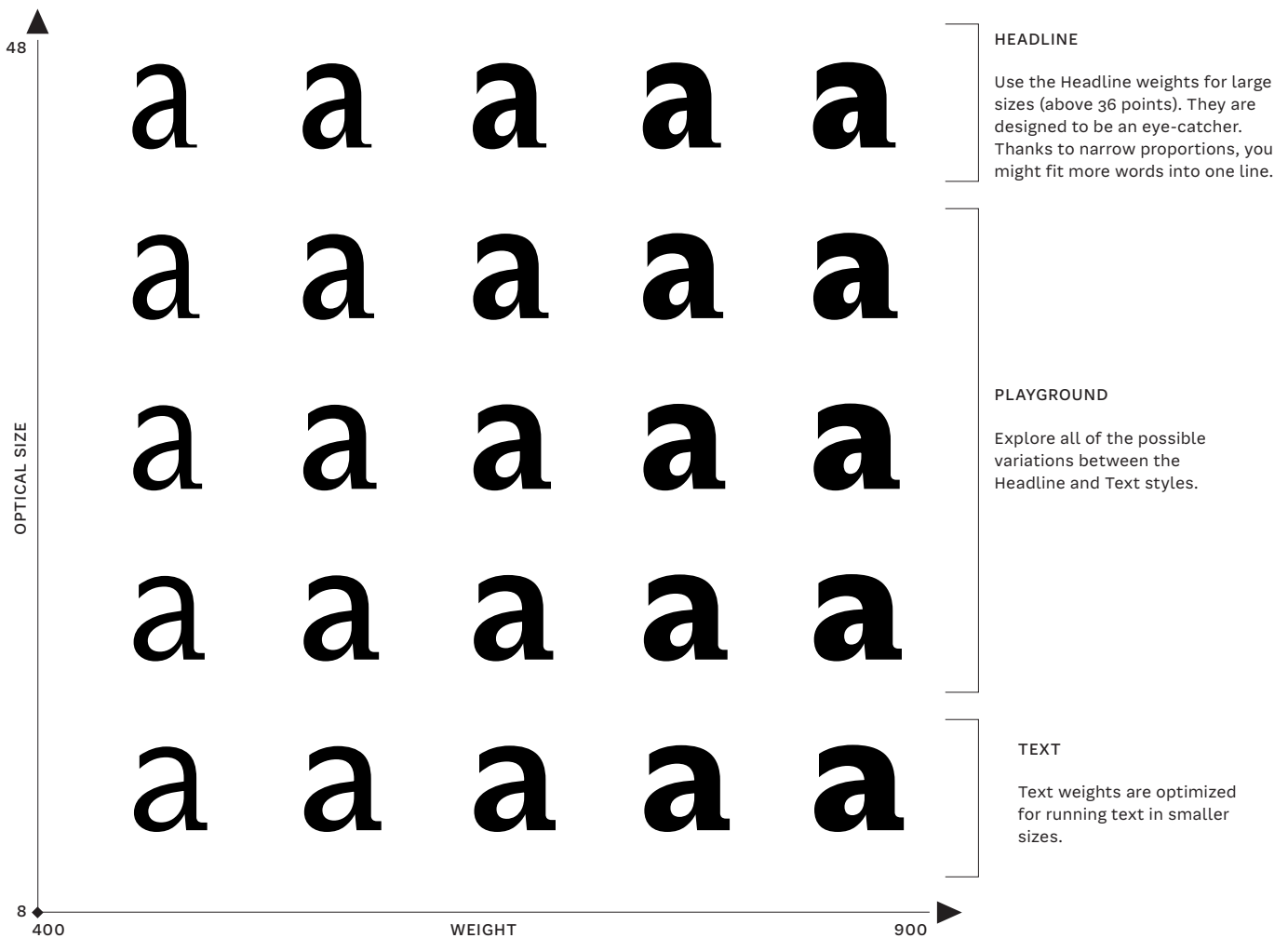
Text Black + *Black Italic*

COMING SOON:

— outlines / metrics improvements

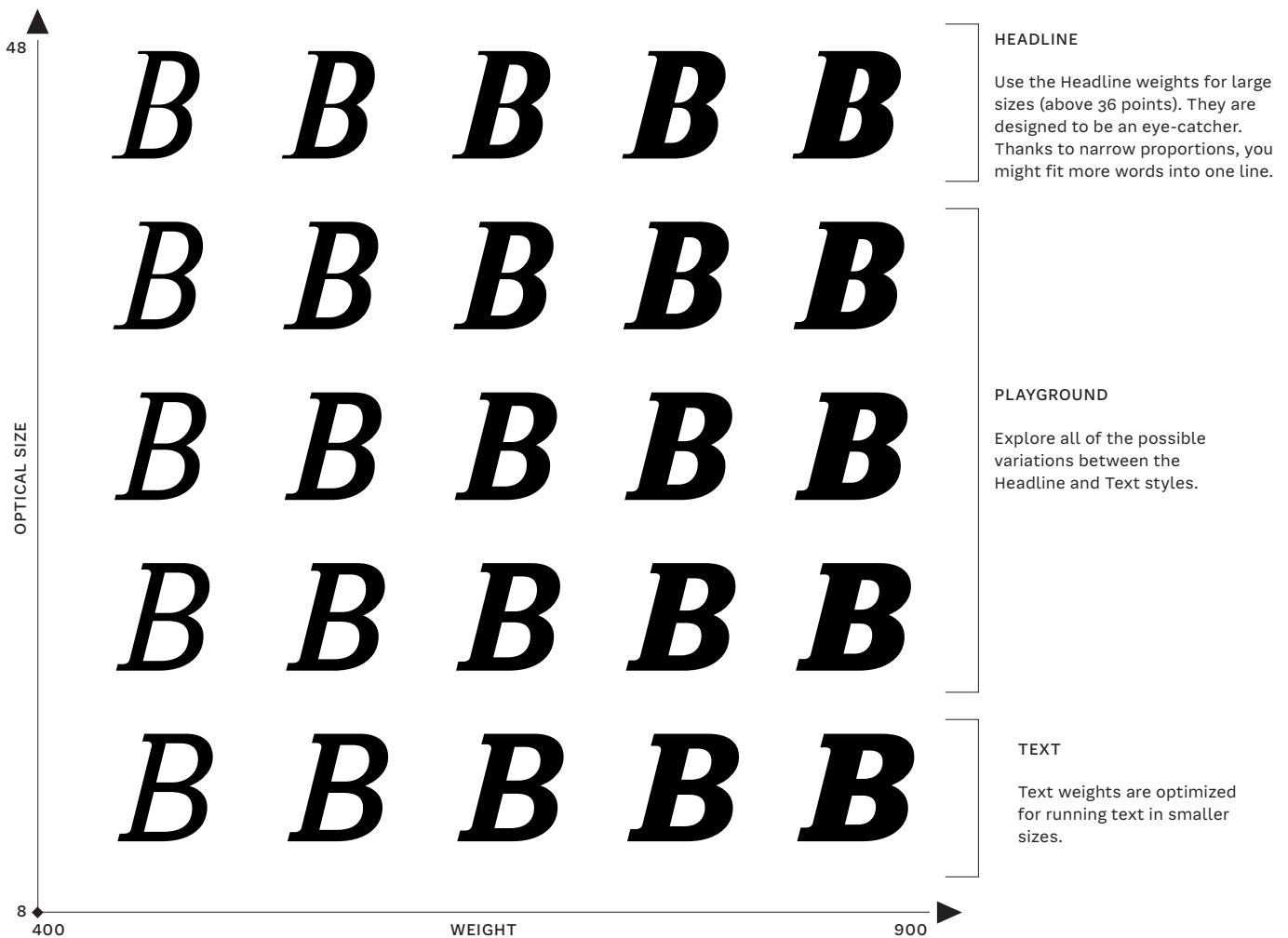
SHARF VARIABLE

This font uses variable font technology. In supported apps and browsers, you can make use of sliders or custom values to access variations of the fonts. Right now you can freely explore weight and headline axes, which means that you can decide for any preferred custom weight between Regular and Black. The same counts for the Headline Styles.



SHARF VARIABLE

This font uses variable font technology. In supported apps and browsers, you can make use of sliders or custom values to access variations of the fonts. Right now you can freely explore weight and headline axes, which means that you can decide for any preferred custom weight between Regular and Black. The same counts for the Headline Styles.



Headline Styles

SHARF HEADLINE ROMANS — CHARACTER SET

DEFAULT NUMERALS

0123456789

LINING NUMERALS

0123456789

SUPERIORS

0123456789

INFERIORS

0123456789

FRACTIONS

1/4 1/2 3/4 1/3 2/3 1/5 2/5 3/5 4/5 1/6 5/6 1/8 3/8 5/8 7/8

PUNCTUATION & SYMBOLS

«»„“”!;:„,„“”!;?¿^|||'”- — — _ & § () [] {} «»»«» * † ‡ •
™ © ® ªºº # % ‰ ∂ Δ Π Σ Ω μ − √ ∞ ∫ ≈ ≠ ≤ ≥

CURRENCIES

\$ ¢ £ ¥ €

ORNAMENTS



SHARF HEADLINE ROMANS

FIERCE BITERS

Das Empfinden* ist dem
Intuieren & das Denken dem
Fühlen entgegengesetzt.

 **Julie's Dream** 

#UNFORGETTABLE_KISS†

«N'est-ce pas précisément cela "comprendre"? Sentir qu'on saisit
l'indéfinissable, l'indispensable.»

The Progressions

SHARF HEADLINE REGULAR

The claim that precise recognition exists as specific attention to some details in a modular mind is criticized both with regard to data loss

SHARF HEADLINE MEDIUM

The claim that precise recognition exists as specific attention to some details in a modular mind is criticized both with regard to data loss

SHARF HEADLINE SEMIBOLD

The claim that precise recognition exists as specific attention to some details in a modular mind is criticized both with regard to data loss

SHARF HEADLINE BOLD

The claim that precise recognition exists as specific attention to some details in a modular mind is criticized both with regard to data loss

SHARF HEADLINE EXTRABOLD

**The claim that precise
recognition exists as specific
attention to some details in
a modular mind is criticized
both with regard to data loss**

SHARF HEADLINE BLACK

**The claim that precise
recognition exists as specific
attention to some details in
a modular mind is criticized
both with regard to data loss**

SHARF HEADLINE REGULAR

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen prägten sich erst im 18. und frühen 19. Jahrhundert aus. Als Begründer der Genetik in diesem Sinn gilt der Augustinermönch

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los genes ARN mensajero codifican proteínas; luego en 1953 James D. Watson y Francis Crick determinaron que la estructura del ADN es una doble

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır. [5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen" adı verilmektedir. Nükleotitlerin DNA'daki dizilişi, hücre tarafından aminoasit zincirleri üretmek için kullanılır. Bunlardan protein oluşur. Bir proteindeki amino asitlerin

LANGUAGE SAMPLES

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères héréditaires entre des géniteurs et leur descendance. L'évolution sans cesse croissante de la connaissance en génétique pose

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich dokumentach „Versuche über Pflanzenhybriden” („Eksperymenty krzyżowania roślin”) zaprezentowanych w 1865 roku Stowarzyszeniu Badań Natury (Naturforscher

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaión, Hippokratés) se na něm podílí mužské i ženské “semeno”, postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus, Anaxagorás), kdežto podle Aristotela se teprve postupně vytváří (epigeneze). Dlouho se zdálo, že chemickým nosičem dědičné informace

SHARF HEADLINE BLACK

LANGUAGE SAMPLES

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen prägten sich erst im 18. und frühen 19. Jahrhundert aus. Als

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los genes ARN mensajero codifican proteínas; luego en 1953 James D. Watson y Francis

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır.[5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen" adı verilmektedir. Nükleotitlerin DNA'daki dizilişi, hücre tarafından

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères héréditaires entre des géniteurs et leur descendance. L'évolution sans

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich dokumentach „Versuche über Pflanzenhybriden” („Eksperymenty

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaíón, Hippokratés) se na něm podílí mužské i ženské “semeno”, postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus, Anaxagorás), kdežto podle

SHARF HEADLINE ITALICS — CHARACTER SET

UPPERCASE

ABCDEFGHIJKLMNOPQRSTUVWXYZ

*Æ À Á Â Ã Ä Å Æ Ç Ć Ĉ Ċ Ď Đ È É Ê Ë Ē Ĕ Ě Ğ Ğ Ğ Ĩ
İ Ì Í Î Ï Ķ Ĺ ĺ Ľ Ļ Ñ Ñ Ñ Ñ Ñ Ñ Œ Ő Ó Ő Ő Ő Ő Ø Ŕ Ŕ Ŕ Ŕ
Ŗ Š Ŗ Š Ŧ Ŧ Ŧ Ŧ Ŧ Ŧ Ũ Ũ Ũ Ũ Ũ Ũ Ű Ű Ű Ű Ű Ű Ŷ Ŷ Ŷ Ŷ Ŷ Ŷ Ž Ž Ž Ž*

LOWERCASE

abcdefghijklmnopqrstuvwxyz

*æ à á â ã ä å æ ç ć ĉ ċ đ ð è é ê ë ē ě ğ ğ ğ ħ ì í ï ï
ķ ĸ ĺ ĺ ĺ ĺ ĺ Ļ ñ ñ ñ ñ ñ ñ œ ő ó ő ő ő ő ø ŕ ŕ ŕ ŝ ŝ ŝ ŝ Ŗ ŧ ŧ ŧ
ŭ ŭ ŭ ŭ ŭ ŭ Ũ Ũ Ũ Ũ Ũ Ũ Ű Ű Ű Ű Ű Ű Ŷ Ŷ Ŷ Ŷ Ŷ Ŷ ž ž ž ž*

SHARF HEADLINE ITALICS — CHARACTER SET

DEFAULT NUMERALS

0123456789

LINING NUMERALS

0123456789

SUPERIORS

0123456789

INFERIORS

0123456789

FRACTIONS

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{1}{6}$ $\frac{5}{6}$ $\frac{1}{8}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{7}{8}$

PUNCTUATION & SYMBOLS

¡,;:~,,,"“””!;?¿/||'”-— — _ & § 0 [] {} «» <> * † ‡ • ™
© ® ªºº # % ‰ + < = > ~ ¬ ± × ÷ ∂ Δ Π Σ Ω μ − √ ∞ ∫ ≈ ≠ ≤ ≥

CURRENCIES

₰ £ ₪ ¥ €

ORNAMENTS



SHARF HEADLINE ITALICS

Hypnotischen Zuständen

Supermassive

*Le sentiment est la composante
de l'émotion qui implique les
fonctions cognitives de l'organisme,
la manière d'apprécier. Le sentiment
est à l'origine d'une connaissance*

205.97

DRIVEN BY DREAMS

Predisposing factors / Pathophysiology

free radicals

THE ASSESSMENT AND HISTORY*

SHARF HEADLINE ITALIC

The claim that precise recognition exists as specific attention to some details in a modular mind is criticized both with regard to data loss as...

SHARF HEADLINE MEDIUM ITALIC

The claim that precise recognition exists as specific attention to some details in a modular mind is criticized both with regard to data loss

SHARF HEADLINE SEMIBOLD ITALIC

*The claim that precise
recognition exists as specific
attention to some details in
a modular mind is criticized
both with regard to data loss*

SHARF HEADLINE BOLD ITALIC

*The claim that precise
recognition exists as specific
attention to some details in
a modular mind is criticized
both with regard to data loss*

SHARF HEADLINE EXTRABOLD ITALIC

***The claim that precise
recognition exists as specific
attention to some details in
a modular mind is criticized
both with regard to data loss***

SHARF HEADLINE BLACK ITALIC

***The claim that precise
recognition exists as specific
attention to some details in
a modular mind is criticized
both with regard to data loss***

SHARF HEADLINE ITALIC

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen prägten sich erst im 18. und frühen 19. Jahrhundert aus. Als Begründer der Genetik in diesem Sinn gilt der Augustinermönch Gregor Mendel,

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los genes ARN mensajero codifican proteínas; luego en 1953 James D. Watson y Francis Crick determinaron que la estructura del ADN es una doble hélice en direcciones

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtımsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır. [5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayırık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen" adı verilmektedir. Nükleotitlerin DNA'daki dizilişi, hücre tarafından aminoasit zincirleri üretmek için kullanılır. Bunlardan protein oluşur. Bir proteindeki amino asitlerin

LANGUAGE SAMPLES

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères héréditaires entre des géniteurs et leur descendance. L'évolution sans cesse croissante de la connaissance en génétique pose plusieurs problèmes éthiques

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich dokumentach „Versuche über Pflanzenhybriden” („Eksperymenty krzyżowania roślin”) zaprezentowanych w 1865 roku Stowarzyszeniu Badań Natury (Naturforscher Verein) w Brnie, Mendel naszkicował

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaión, Hippokratés) se na něm podílí mužské i ženské “semeno”, postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus, Anaxagorás), kdežto podle Aristotela se teprve postupně vytváří (epigeneze). Dlouho se zdálo, že chemickým nosičem dědičné informace

SHARF HEADLINE BLACK ITALIC

LANGUAGE SAMPLES

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen prägten sich erst im 18. und frühen 19. Jahrhundert aus. Als

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los genes ARN mensajero codifican proteínas; luego en 1953 James D. Watson y Francis

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır.[5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen" adı verilmektedir. Nükleotitlerin DNA'daki dizilişi, hücre tarafından aminoasit zincirleri

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères héréditaires entre des géniteurs et leur descendance. L'évolution sans cesse croissante

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich dokumentach „Versuche über Pflanzenhybriden” („Eksperymenty

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaion, Hippokratés) se na něm podílí mužské i ženské "semeno", postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus, Anaxagorás), kdežto podle Aristotela se teprve

Text Styles

SHARF TEXT ROMANS — CHARACTER SET

UPPERCASE

A B C D E F G H I J K L M N O P Q R S T U V
W X Y Z

Æ À Á Â Ã Ä Å Ā Ă Ą Ç Ć Ĉ Č Ď Đ ð È É Ê Ë Ì
Í Î Ï Ñ Ò Ó Ô Õ Ö Ø Ŕ Ŗ ŗ Ś ŝ Ş ß Þ Ţ ẏ ẘ
ẙ ẚ ẛ ẜ ẝ ẞ ẟ Ạ ạ Ả ả Ấ ấ Ầ ầ Ẩ ẩ Ẫ ẫ Ậ ậ Ắ ắ Ằ Ẳ ẳ Ẵ ẵ Ặ ặ Ẹ ẹ Ẻ ẻ Ẽ Ǽ Ǿ ǿ Ǻ ǻ Ǽ Ǿ ǿ Ǻ ǻ Ǽ Ǿ ǿ

LOWERCASE

a b c d e f g h i j k l m n o p q r s t u v w x y z
æ à á â ã ä å ā ă ą ç ć č đ ð è é ê ë ì í î ï ñ ò ó ô õ ö ø ŕ Ŗ ŗ ś ŝ ş ß þ ẏ ẘ
ẙ ẚ ẛ ẜ ẝ ẞ ẟ Ạ ạ Ả ả Ấ ấ Ầ ầ Ẩ ẩ Ẫ ẫ Ậ ậ Ắ ắ Ằ Ẳ ẳ Ẵ ẵ Ặ ặ Ẹ ẹ Ẻ ẻ Ẽ Ǽ Ǿ ǿ Ǻ ǻ Ǽ Ǿ ǿ Ǻ ǻ Ǽ Ǿ ǿ

SHARF TEXT ROMANS — CHARACTER SET

DEFAULT NUMERALS

0123456789

LINING NUMERALS

0123456789

SUPERIORS

0123456789

INFERIORS

0123456789

FRACTIONS

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{1}{6}$ $\frac{5}{6}$ $\frac{1}{8}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{7}{8}$

PUNCTUATION & SYMBOLS

« , ; : . , , , “ ” ‘ ’ ! ; ? ; / \ | | ‘ ’ “ ” - - - - _ & § () [] {} «
» < > * † ‡ • ™ © ® ª º ° # % ‰ ‰ ‰ + < = > ~ ¬ ± ×
÷ ∂ Δ Π Σ Ω μ − √ ∞ ∫ ≈ ≠ ≤ ≥

CURRENCIES

\$ ¢ £ ₪ ¥ €

ORNAMENTS



SHARF TEXT ROMANS

LEGENDARY

❁ The Golden Volume — Philosophy *❁*

Recognition *paradox* & relation to *sapience*

Cette négation de la spécificité du vivant vient d'une conception où l'on n'admet aucune discontinuité entre vivant et inanimé pour conserver un univers cohérent et unifié. On y admet donc une gradation progressive entre l'inanimé et le vivant, tant dans les formes actuelles (les virus, censés être à la limite du vivant et de l'inanimé) que dans l'apparition de la vie

sur Terre (cette apparition y est comprise comme une phase prébiotique progressive sans discontinuité marquée). En fait, cette négation de la spécificité du vivant, qui se veut matérialiste, confond simplement le matérialisme épistémologique et les sciences de la matière. Les sciences, y compris la biologie, se doivent d'être matérialistes, personne

New Mysterianism

❁ Le sentiment* est la composante *de l'émotion* qui implique les fonctions cognitives de l'organisme, la manière d'apprécier. Le sentiment *est à l'origine d'une connaissance* immédiate ou d'une simple impression. Il renvoie à la perception de

[2021/2075]

SHARF TEXT REGULAR

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT MEDIUM

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT SEMIBOLD

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT BOLD

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT EXTRABOLD

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT BLACK

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes.

SHARF TEXT REGULAR

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los genes ARN mensajero codifican proteínas;

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır.[5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen" adı verilmektedir. Nükleotitlerin DNA'daki dizilişi,

LANGUAGE SAMPLES

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères héréditaires

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnik i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaión, Hippokratés) se na něm podílí mužské i ženské "semeno", postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus, Anaxagorás), kdežto

SHARF TEXT BLACK

LANGUAGE SAMPLES

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵.

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır. [5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen"

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaión, Hippokratés) se na něm podílí mužské i ženské "semeno", postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo

SHARF TEXT ITALICS — CHARACTER SET

DEFAULT NUMERALS

0123456789

LINING NUMERALS

0123456789

SUPERIORS

0123456789

INFERIORS

0123456789

FRACTIONS

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{3}$ $\frac{2}{3}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{1}{6}$ $\frac{5}{6}$ $\frac{1}{8}$ $\frac{3}{8}$ $\frac{5}{8}$ $\frac{7}{8}$

PUNCTUATION & SYMBOLS

¶ , ; : : : , , , “ ” “ ” ! ; ? ; / \ | ' ' " - - - - _ & § () [] {} «
» < > * † ‡ • ™ © ® ª º ° # % ‰ ‰ ‰ + < = > ~ ¬ ± ×
÷ ∂ Δ Π Σ Ω μ − √ ∞ ∫ ≈ ≠ ≤ ≥

CURRENCIES

\$ ¢ £ ₣ ¥ €

ORNAMENTS



SHARF TEXT ITALICS

Sedative hypnotic withdrawal



2035—2078

Do podstawowych metod antropologii fizycznej należy antropometria. Naukami pomocniczymi działu antropologii są: anatomia opisowa i porównawcza, fizjologia, genetyka, prymatologia, ekologia, psychologia i psychiatria, i inne.

**** The Compressible flow ****

***CONVERGING-DIVERGING
LAVAL NOZZLES*, P.59***

lucky

La escala de estudio va desde los subcomponentes biofísicos hasta los sistemas complejos. La biología moderna se divide en sub-disciplinas según los tipos de organismos y la escala en que se los estudia. La biología molecular es el estudio de la química fundamental de la vida, mientras que la biología celular tiene como objeto el examen de la célula, es decir, la unidad constructiva básica de toda la vida. A un nivel más elevado, la fisiología estudia la estructura interna del organismo. Los campos biológicos de la botánica, la zoología y la medicina surgieron desde los primeros momentos de la civilización, mientras que la microbiología fue

'daily friction'

SHARF TEXT ITALIC

16/20 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are perpendicular to the local flow direction. These*

12/14.4 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are perpendicular to the local flow direction. These shock waves occur when pressure waves*

10/12.3 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are perpendicular to the local flow*

9/11 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was*

8/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock*

7/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored*

SHARF TEXT MEDIUM ITALIC

16/20 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are perpendicular to the local flow*

12/14.4 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are perpendicular to the local flow direction. These shock waves*

10/12.3 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are*

9/11 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned*

8/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and*

7/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and*

SHARF TEXT SEMIBOLD ITALIC

16/20 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are perpendicular to*

12/14.4 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are*

10/12.3 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are*

9/11 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he*

8/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and*

7/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph,*

SHARF TEXT BOLD ITALIC

16/20 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are*

12/14.4 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock waves that are*

10/12.3 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.*

9/11 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However*

8/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered*

7/10 PT

*The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one*

SHARF TEXT EXTRABOLD ITALIC

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work Titres et Travaux Scientifiques,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work Titres et Travaux Scientifiques,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal shock waves are shock

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work Titres et Travaux Scientifiques,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work Titres et Travaux Scientifiques,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work Titres et Travaux Scientifiques,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work Titres et Travaux Scientifiques,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT BLACK ITALIC

16/20 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel. Normal

12/14.4 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by Stanier and van Niel.

10/12.3 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was rediscovered by

9/11 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with

8/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However he mentioned this in only one paragraph, and the idea was effectively ignored until Chatton’s statement was

7/10 PT

The concept of the eukaryote has been attributed to the French biologist Edouard Chatton (1883–1947). The terms prokaryote and eukaryote were more definitively reintroduced by the Canadian microbiologist Roger Stanier and the Dutch-American microbiologist C. B. van Niel in 1962. In his 1937 work *Titres et Travaux Scientifiques*,* Chatton had proposed the two terms, calling the bacteria prokaryotes and organisms with nuclei in their cells eukaryotes. However

SHARF TEXT ITALIC

LANGUAGE SAMPLES

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen prägten sich erst im 18. und frühen 19. Jahrhundert aus. Als

12/14.4 PT FRENCH

D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères héréditaires entre des géniteurs et leur descendance. L'évolution sans cesse croissante de la

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los genes ARN mensajero codifican proteínas; luego en 1953 James D. Watson y Francis Crick determinaron

12/14.4 PT POLISH

Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich dokumentach „Versuche über Pflanzenhybriden” („Eksperymenty krzyżowania roślin”)

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır.[5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine “gen” adı verilmektedir. Nükleotitlerin DNA'daki dizilişi, hücre tarafından aminoasit zincirleri

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaión, Hippokratés) se na něm podílí mužské i ženské “semeno”, postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus, Anaxagorás), kdežto podle Aristotela se teprve postupně vytváří (epigeneze).

SHARF TEXT BLACK ITALIC

LANGUAGE SAMPLES

12/14.4 PT GERMAN

Die Genetik oder Vererbungslehre (früher auch Erbbiologie) ist die Wissenschaft von der Vererbung und ein Teilgebiet der Biologie. Sie befasst sich mit den Gesetzmäßigkeiten und materiellen Grundlagen der Ausbildung von erblichen Merkmalen und der Weitergabe von Erbanlagen (Genen) an die nächste Generation. Das Wissen, dass individuelle Merkmale über mehrere Generationen hinweg weitergegeben werden, ist relativ jung; Vorstellungen von solchen natürlichen Vererbungsprozessen

12/14.4 PT SPANISH

La genética es el área de estudio de la biología que busca comprender y explicar cómo se transmite la herencia biológica de generación en generación mediante el ADN. Se trata de una de las áreas fundamentales de la biología moderna, abarcando en su interior un gran número de disciplinas propias e interdisciplinarias que se relacionan directamente con la bioquímica y la biología celular. En 1941 Edward Lawrie Tatum y George Wells Beadle demostraron que los

12/14.4 PT TURKISH

Canlıların özelliklerinin kalıtsal olduğunun bilinci ile tarih öncesi çağlardan beri bitki ve hayvanlar ıslah edilmiştir. Bununla birlikte, kalıtımsal aktarım mekanizmalarını anlamaya çalışan modern genetik bilimi ancak 19. yüzyılın ortalarında, Gregor Mendel'in çalışmasıyla başlamıştır.[5] Mendel, kalıtımın fiziksel temelini bilemediyse de, bu özelliklerin ayrık (kesikli) bir tarzda aktarıldığını gözlemlemiştir; günümüzde bu kalıtım birimlerine "gen" adı verilmektedir.

12/14.4 PT FRENCH

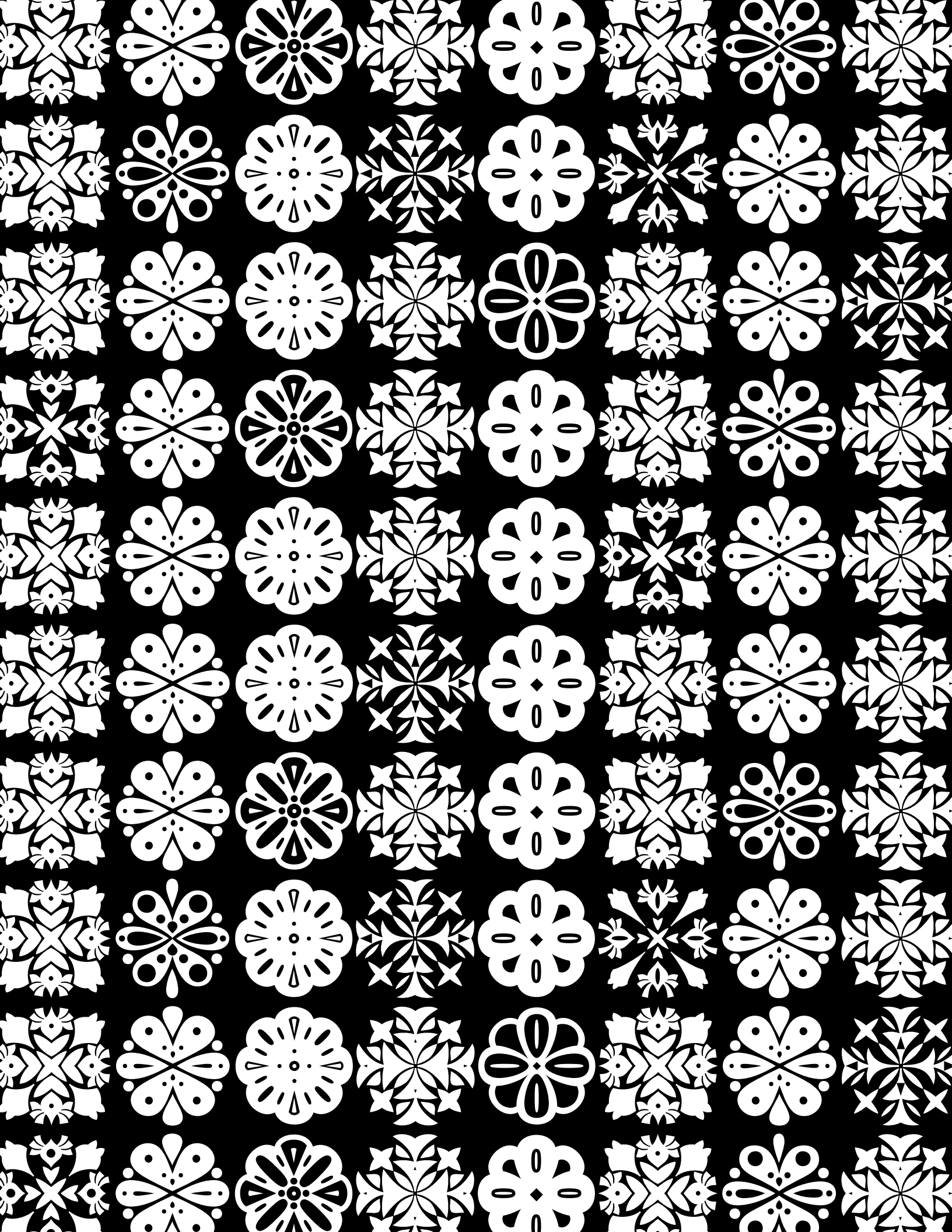
D'après le dictionnaire en ligne Littré, le nom de génétique vient de l'adjectif, qui qualifie ce qui est en rapport aux fonctions de génération. Il dérive du grec (Genete), qui signifie engendrement. On trouve également comme étymologie du mot génétique, dans le dictionnaire en ligne Larousse, le grec genos (race, clan): la partie de la biologie qui étudie les lois de l'hérédité. Une de ses branches, la génétique formelle, ou mendélienne, s'intéresse à la transmission des caractères

12/14.4 PT POLISH

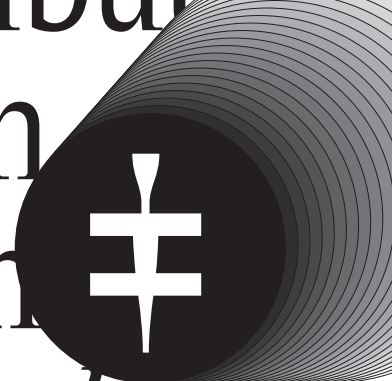
Wiedza, iż istoty żywe dziedziczą cechy po swoich rodzicach była stosowana od czasów prehistorycznych w celu poprawy wielkości plonów oraz uzyskiwania lepszych odmian zwierząt poprzez hodowlę selektywną. Nowoczesna genetyka stara się zrozumieć proces dziedziczenia, a za jej prekursora uważa się niemiecko-czeskiego zakonnika i naukowca Grzegorza Mendla, który w 1866 roku po raz pierwszy opisał podstawowe prawa dziedziczenia cech⁵. W swoich dokumentach

12/14.4 PT CZECH

Přenosu určitých rysů z předků na potomky si lidé všimli už v pravěku a patrně je i využívali ve šlechtitelství. Tuto dědičnost se snažily vysvětlit různé hypotézy o procesu předávání života. Podle některých myslitelů (Alkmaión, Hippokratés) se na něm podílí mužské i ženské "semeno", postupně však převládla představa mužského semene (sperma), které pak žena pouze živí (Hippón, Anaxagorás). Podoba nového organismu je podle některých v semeni už přímo připravena (preformismus,



...for experience contribu
development of skills in
management. Experience
patient develop *cues and patte*
they can *remember* and follow



003 — #Selfcare



Rituals of Young Women

Date: 21.07.2020 | Author: Riley Schrijver

FREE

Date: 18.07.2020 | Author: Sandra La Penos

FREE

Self-care and health care providers can be considered to be opposing ends on a health-related *continuum*² or a complex *relationship*.³ In very modern medicine, preventive medicine aligns most closely with self-care. A lack of adherence to medical advice or the onset of a mental disorder can make *self-care difficult*.⁴ Self-care is seen as a partial solution to the global rise in health care costs placed on governments. Self-care is considered to be a fundamental pillar of health and *social care*, and is an essential component of a modern health care systems that

Hygiene is another important part of self-care maintenance. *Hygienic behaviors include adequate sleep, regular oral care, and hand washing.* Getting seven to eight hours of sleep each night can protect physical and mental health.* Sleep deficiency increases the risk of heart disease, kidney disease, high blood pressure, diabetes, excess weight, and risk-taking behavior.† *Teeth brushing and personal hygiene can prevent oral infections*

Financial cons
Financial barrier
self-care manag
majority of ins
is provided by e
Loss of employ
frequently acc
by loss of heal
and inability t
health care. *In*
diabetes and ch
disease, financ
associated with
to care, poor qu
and vascular di
result, these p
reduced rates
assessments, r
of Hemoglobin
marker that as
glucose levels
(last 3 months)
measurements
foot examinatio
education, and
use.⁴⁶ *Research*
that people in h
classes are bett
management o
conditions. In
people with lo
of education o
resources to e

nd action
A patient
ment kno
d sympto
d to the

CLASSICS OF

Japanese poetry



Intuitively, the circular economy would appear to be more sustainable than the current linear economic system.

Reducing the resources used, and the waste and leakage created, conserves resources and helps to reduce environmental pollution.

argued by some assumptions are disregard the existing systems trade-offs. For social dimension ty seems to be ally addressed cations on the here are cases require different strategies, like y, more energy-. By reviewing of researchers e and TU Delft ere are at least onship types ability and the [2] In addition, underline the in the heart of ment based on y components.

2580

All waste should become food for another process, either a by-product or recovered resource for another industrial process or as regenerative resource for nature (e.g., compost). *This regenerative approach is in contrast to the traditional linear economy, which has a take, make, dispose model of production.* Proponents of the circular economy suggest that a sustainable world does not mean a drop in quality of life for consumers and can be achieved without a loss of revenue or extra costs for manufacturers. The argument is that *circular business models can be as profitable as linear models*, allowing consumers to continue enjoying similar products and services.

Residual?



GLUCOSE, GALACTOSE & FRUCTOSE

$$EAG(MG/DL) = 28.7 \times A1C - 46.7$$

Glycated hemoglobin testing is recommended for both checking the blood sugar control in people who might be *prediabetic and monitoring* blood sugar control in patients with more elevated levels, termed diabetes mellitus. For a single *blood sample*, it provides far more revealing information on *glycemic behavior* than a fasting blood sugar value. However, fasting blood sugar tests are crucial in making treatment decisions. The American **Diabetes Association** guidelines are similar to others in advising that the glycated hemoglobin test be performed

at least twice a year in patients with diabetes who are meeting treatment goals (*and who have stable glycemic control*) and quarterly in patients with diabetes whose therapy has changed who are not meeting glycemic goals. *Glycated hemoglobin measurement* is appropriate where a change in therapy or treatment has been made within 6 weeks. Likewise, the test assesses a normal red blood cell aging process and mix of hemoglobin subtypes (*predominantly HbA in normal adults*). Hence, people with recent blood loss, hemolytic anemia, or genetic

INSTRUMENTS TO MEASURE

***Everything is still
in progress and will
be improved in the
near future!***

WWW.FUTUREFONTS.XYZ



Labels in this specimen are set in Bay Sans from Blast Foundry

www.blast-foundry.com ▶ [email: info@blast-foundry.com](mailto:info@blast-foundry.com) ◀ [Instagram: @blast_foundry](https://www.instagram.com/blast_foundry)