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Vocabulary Builder Reference from...

Louie Schwartzberg: The hidden beauty of pollination

| TED Talk

https://www.ted.com/talks/louie_schwartzberg_the_hidden_beauty_of_pollination

All Words

IMPORTANT

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Session 1: Word List

amazing

adj. extremely surprising, especially in a way that you like or admire

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

concept

n. an idea or principle associated with something abstract

synonym: idea, notion, vision

(1) learn new **concepts**, (2) **concept** car

One such rapidly growing **concept** is quantum cryptography.

pollination

n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds

synonym: flowering, fertilization, cross-fertilization

(1) **pollination** by insect, (2) the cross- **pollination** of the arts

The **pollination** process is crucial for the growth and reproduction of many plants.

grant

v. to agree to give or allow somebody

synonym: allocate, authorize, give

(1) **grant** a new license, (2) **grant** a land
The chairperson **granted** him the right to speak.

pollinator

n. an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

synonym: fertilizer, pollenizer, pollen carrier

(1) **pollinator** species, (2) beneficial **pollinator**
Bees are important **pollinators** for many crops and plants.

bat

n. a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis

synonym: cane, rod, stick

(1) **bat** cave, (2) **bat** an eye
The cave was a habitat for **bats**.

hummingbird

n. a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction

(1) **hummingbird** feeder, (2) **hummingbird** nest
Watching a **hummingbird** at a flower is like observing a miniature ballet of nature.

butterfly

n. a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings

(1) **butterfly** effect, (2) the life cycle of a **butterfly**
He enjoys collecting **butterfly** specimens.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym: creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**
Necessity is the mother of **invention**.

evolve

v. to develop gradually, or to cause the development of something or someone gradually

synonym: develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

timelapse

n. a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly

(1) **timelapse** photography, (2) capture **timelapse** footage

The **timelapse** video beautifully captured the changing seasons over a year.

seduce

v. to entice someone to engage in sexual behavior or to enter into a romantic relationship

synonym: tempt, lure, entice

(1) **seduce** him into crime, (2) **seduce** her mind

He tried to **seduce** her with his charm and good looks.

survival

n. the state of continuing to exist or live, frequently in the face of difficulty or danger

synonym: endurance, continuity

(1) **survival** ability, (2) **survival** food

He evaluated his chances for **survival** rather pessimistically.

relation

n. the way two persons or groups of people feel and act toward one another

synonym: association, linkage, connection

(1) **relation** between cause and effect, (2) **relation** of inclusion

The industrial **relations** laws were passed with little to no alteration.

separate

v. to force, take, or pull apart; mark as different

synonym: disunite, isolate, ramify

(1) **separate** video into chapter, (2) **separate** cream from

milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

colony

n. a country or an area that is governed by a more powerful country that is often far away

synonym: settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria

The **colony** declared its independence and became a republic.

collapse

v. to fall down or give way suddenly, often after breaking apart

synonym: tumble, spill, bankruptcy

(1) the stock market **collapsed**, (2) ready to **collapse**

The roof finally **collapsed** after three days and three nights of heavy snowfall.

disorder

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

synonym: chaos, disturbance, disease

(1) the files are in complete **disorder**, (2) people with bipolar **disorder**

The doctor prescribed some medicine for the mental **disorder**.

motto

n. a phrase or slogan that expresses a guiding principle or goal

synonym: slogan, catchphrase, phrase

(1) the **motto** for safe traffic, (2) company **motto**

The company's **motto** is "Innovation and Service," which is reflected in its products and customer support.

humankind

n. the whole of the living human inhabitants of the earth

synonym: humanity, human race, society

(1) **humankind** as a species, (2) history of **humankind**
On the geological time scale, **humankind** has existed for a brief moment.

coal

n. a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat

synonym : ember

(1) a **coal-fired** ship, (2) construction of new **coal** plants
We combust **coal** and other fossil fuels to generate electricity.

disappear

v. to cease to exist or be visible

synonym : fade, evaporate, vanish

(1) **disappear** without a trace, (2) **disappear** after a week
They watched the train **disappear** into the distance.

adviser

n. a person who gives advice about a particular subject

synonym : consultant, guide, expert

(1) a medical **adviser**, (2) chief **adviser**

After retiring, he continued to be an **adviser** to politicians.

reward

n. a thing given in acknowledgment of service, hard work, achievement, etc.

synonym : compensation, gratuity, bonus

(1) the **reward** for good works, (2) shopping **rewards** cards
Night fishing has a lot of **rewards**.

survive

v. to live or exist despite a dangerous event or period

synonym : endure, persist, stay

(1) **survive** a blizzard, (2) **survive** a plane crash

These birds can only **survive** in temperate climates.

reproduce

v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

synonym :

duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself
By dividing and creating copies of themselves, bacteria **reproduce**.

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
synonym: flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

monarch

n. a person who rules a country, such as a king or queen
synonym: ruler, sovereign, majesty

(1) an absolute **monarch**, (2) **monarch** butterflies

She came from a commoner background but eventually became the **monarch** of that country.

universe

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

synonym: cosmos, macrocosm

(1) theory of the **universe**, (2) expansion of the **universe**

The **universe** is about 13.8 billion years old.

reproduction

n. the process by which organisms create offspring; the production of something similar to an original work

synonym: procreation, replication, duplication

(1) **reproduction** rate, (2) **reproduction** system

The **reproduction** of the plant depends on the pollinators.

mechanism

n. a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

synonym: means, method, system

(1) the **mechanism** for DNA replication, (2) defense

mechanism

He discovered unique **mechanisms** for photochemical reactions.

evolution

n. a gradual process of transformation of living things

synonym: elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

rarely

adv. not happening often; infrequently; seldom

synonym: seldom, infrequently, hardly ever

(1) **rarely** seen, (2) **rarely** used

I **rarely** eat fast food because I prefer healthy options.

intersection

n. a point where two or more roads, lines, etc., cross each other

synonym: crossroad, junction, hub

(1) busy **intersection**, (2) the **intersection** of coordinate axes

Take a right turn at the next **intersection**.

magic

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

synonym: fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**

He performed **magic** tricks with sophisticated moves.

mystical

adj. relating to or characterized by spiritual powers; beyond ordinary understanding

synonym: occult, esoteric, enigmatic

(1) **mystical** intuition, (2) **mystical** belief

While meditating, he had a **mystical** experience and felt a sense of unity with the universe.

nectar

n. a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring

synonym : honey, ambrosia, syrup

(1) **nectar** of the gods, (2) fruit **nectar**

The **nectar** of the flowers attracted many bees to the garden.

tweet

n. a short, high sound made by a small bird; a message sent using Twitter, the social media application

synonym : peep, chirp, post (on Twitter)

(1) a chick's **tweet**, (2) his latest **tweets**

We could hear the **tweet** of baby birds.

pollinate

v. to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others

synonym : fertilize, propagate

(1) **pollinate** plants, (2) **pollinate** fruit trees

Without bees to **pollinate** the flowers, many crops would not exist.

rediscover

v. to discover or find again something that was previously known but lost

synonym : recover, get back, revive

(1) **rediscover** a value, (2) **rediscover** an old truth

The painting was **rediscovered** in an attic and turned out to be a long-lost masterpiece.

Session 2: Spelling

- | | |
|--|--|
| 1. chief ad_____r | <i>n.</i> a person who gives advice about a particular subject |
| 2. ready to co_____se | <i>v.</i> to fall down or give way suddenly, often after breaking apart |
| 3. the life cycle of a bu_____ly | <i>n.</i> a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings |
| 4. re_____ce the painting | <i>v.</i> to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process |
| 5. su_____al ability | <i>n.</i> the state of continuing to exist or live, frequently in the face of difficulty or danger |
| 6. hum_____rd nest | <i>n.</i> a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction |
| 7. the files are in complete di_____er | <i>n.</i> an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions |
| 8. the mo__o for safe traffic | <i>n.</i> a phrase or slogan that expresses a guiding principle or goal |
| 9. the re___d for good works | <i>n.</i> a thing given in acknowledgment of service, hard work, achievement, etc. |

ANSWERS: 1. adviser, 2. collapse, 3. butterfly, 4. reproduce, 5. survival, 6. hummingbird, 7. disorder, 8. motto, 9. reward

10. the most am____g feeling *adj.* extremely surprising, especially in a way that you like or admire
11. pol_____on by insect *n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
12. his latest tw__ts *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
13. pol_____or species *n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds
14. di_____ar after a week *v.* to cease to exist or be visible
15. history of hu_____nd *n.* the whole of the living human inhabitants of the earth
16. se___e her mind *v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
17. shopping re___ds cards *n.* a thing given in acknowledgment of service, hard work, achievement, etc.
18. a chick's tw__t *n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
19. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

ANSWERS: 10. amazing, 11. pollination, 12. tweet, 13. pollinator, 14. disappear, 15. humankind, 16. seduce, 17. reward, 18. tweet, 19. magic

20. se_____te cream from milk *v.* to force, take, or pull apart; mark as different
21. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
22. mo_____h butterflies *n.* a person who rules a country, such as a king or queen
23. rep_____ion system *n.* the process by which organisms create offspring; the production of something similar to an original work
24. b_t cave *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
25. red_____er an old truth *v.* to discover or find again something that was previously known but lost
26. people with bipolar di_____er *n.* an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions
27. ra_____y seen *adv.* not happening often; infrequently; seldom
28. red_____er a value *v.* to discover or find again something that was previously known but lost
29. an absolute mo_____h *n.* a person who rules a country, such as a king or queen
30. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

ANSWERS: 20. separate, 21. invention, 22. monarch, 23. reproduction, 24. bat, 25. rediscover, 26. disorder, 27. rarely, 28. rediscover, 29. monarch, 30. magic

31. common in _____ on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
32. theory of the un _____ se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy
33. ev _____ e *v.* to develop gradually, or to cause the development of something or someone gradually
34. su _____ e a plane crash *v.* to live or exist despite a dangerous event or period
35. company mo _____ o *n.* a phrase or slogan that expresses a guiding principle or goal
36. ti _____ se photography *n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
37. re _____ on between cause and effect *n.* the way two persons or groups of people feel and act toward one another
38. the stock market co _____ sed *v.* to fall down or give way suddenly, often after breaking apart
39. a co _____ y of bacteria *n.* a country or an area that is governed by a more powerful country that is often far away
40. expansion of the un _____ se *n.* everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

ANSWERS: 31. invention, 32. universe, 33. evolve, 34. survive, 35. motto, 36. timelapse, 37. relation, 38. collapse, 39. colony, 40. universe

41. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
42. rep_____ion rate *n.* the process by which organisms create offspring; the production of something similar to an original work
43. hum_____rd feeder *n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
44. re_____ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
45. fruit ne____r *n.* a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
46. construction of new c__l plants *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
47. plant a co____y *n.* a country or an area that is governed by a more powerful country that is often far away
48. busy int_____ion *n.* a point where two or more roads, lines, etc., cross each other
49. gr__t a new license *v.* to agree to give or allow somebody
50. ev_____on theory *n.* a gradual process of transformation of living things

ANSWERS: 41. amazing, 42. reproduction, 43. hummingbird, 44. reproduce, 45. nectar, 46. coal, 47. colony, 48. intersection, 49. grant, 50. evolution

51. b_t an eye *n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
52. human ev_____on *n.* a gradual process of transformation of living things
53. capture ti_____se footage *n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
54. the int_____ion of coordinate axes *n.* a point where two or more roads, lines, etc., cross each other
55. defense me_____sm *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
56. I don't care a c__p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
57. my_____al intuition *adj.* relating to or characterized by spiritual powers; beyond ordinary understanding
58. bu_____ly effect *n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
59. re_____on of inclusion *n.* the way two persons or groups of people feel and act toward one another

ANSWERS: 51. bat, 52. evolution, 53. timelapse, 54. intersection, 55. mechanism, 56. chip, 57. mystical, 58. butterfly, 59. relation

60. ne___r of the gods *n.* a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
61. di_____ar without a trace *v.* to cease to exist or be visible
62. gr__t a land *v.* to agree to give or allow somebody
63. learn new co_____ts *n.* an idea or principle associated with something abstract
64. a c__p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
65. se___e him into crime *v.* to entice someone to engage in sexual behavior or to enter into a romantic relationship
66. a c__l-fired ship *n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
67. my_____al belief *adj.* relating to or characterized by spiritual powers; beyond ordinary understanding
68. su_____e a blizzard *v.* to live or exist despite a dangerous event or period
69. the cross-pol_____on of the arts *n.* the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds
70. ev___e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually

ANSWERS: 60. nectar, 61. disappear, 62. grant, 63. concept, 64. chip, 65. seduce, 66. coal, 67. mystical, 68. survive, 69. pollination, 70. evolve

71. po_____te fruit trees *v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
72. the me_____sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
73. hu_____nd as a species *n.* the whole of the living human inhabitants of the earth
74. a medical ad_____r *n.* a person who gives advice about a particular subject
75. ra____y used *adv.* not happening often; infrequently; seldom
76. po_____te plants *v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
77. su_____al food *n.* the state of continuing to exist or live, frequently in the face of difficulty or danger
78. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
79. beneficial pol_____or *n.* an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

ANSWERS: 71. pollinate, 72. mechanism, 73. humankind, 74. adviser, 75. rarely, 76. pollinate, 77. survival, 78. separate, 79. pollinator

80. co____t car

n. an idea or principle associated with something abstract

ANSWERS: 80. concept

Session 3: Fill in the Blanks

1. He tried to _____ her with his charm and good looks.
 - v. to entice someone to engage in sexual behavior or to enter into a romantic relationship

2. After retiring, he continued to be an _____ to politicians.
 - n. a person who gives advice about a particular subject

3. The _____ process is crucial for the growth and reproduction of many plants.
 - n. the transfer of pollen from the male reproductive organs of one flower to the female reproductive organs of another flower, resulting in fertilization and the production of seeds

4. The _____ of the plant depends on the pollinators.
 - n. the process by which organisms create offspring; the production of something similar to an original work

5. By dividing and creating copies of themselves, bacteria _____.
 - v. to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

6. The chairperson _____ him the right to speak.
 - v. to agree to give or allow somebody

7. The roof finally _____ after three days and three nights of heavy snowfall.
 - v. to fall down or give way suddenly, often after breaking apart

ANSWERS: 1. seduce, 2. adviser, 3. pollination, 4. reproduction, 5. reproduce, 6. granted, 7. collapsed

8. The company's _____ is "Innovation and Service," which is reflected in its products and customer support.
n. a phrase or slogan that expresses a guiding principle or goal
9. Take a right turn at the next _____.
n. a point where two or more roads, lines, etc., cross each other
10. She came from a commoner background but eventually became the _____ of that country.
n. a person who rules a country, such as a king or queen
11. They watched the train _____ into the distance.
v. to cease to exist or be visible
12. Necessity is the mother of _____.
n. the creation of a new device or process resulting from study and experimentation; the act of inventing
13. We can use this campaign as a bargaining _____ in the negotiations.
n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
14. Eyeless fish _____ in dark caves.
v. to develop gradually, or to cause the development of something or someone gradually
15. He evaluated his chances for _____ rather pessimistically.
n. the state of continuing to exist or live, frequently in the face of difficulty or danger

ANSWERS: 8. motto, 9. intersection, 10. monarch, 11. disappear, 12. invention, 13. chip, 14. evolved, 15. survival

16. I _____ eat fast food because I prefer healthy options.

adv. not happening often; infrequently; seldom

17. He performed _____ tricks with sophisticated moves.

n. beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

18. The _____ is about 13.8 billion years old.

n. everything that exists, especially all physical matter, including planets, stars, galaxies, and all other forms of matter and energy

19. The doctor prescribed some medicine for the mental _____.

n. an untidy state or a lack of organization; a physical condition or illness that causes problems with how a section of the body or brain functions

20. The industrial _____ laws were passed with little to no alteration.

n. the way two persons or groups of people feel and act toward one another

21. These birds can only _____ in temperate climates.

v. to live or exist despite a dangerous event or period

22. Night fishing has a lot of _____.

n. a thing given in acknowledgment of service, hard work, achievement, etc.

23. Bees are important _____ for many crops and plants.

n. an animal or insect, such as bees, butterflies, birds, etc., that carries pollen from a male part of a flower to a female part of a flower, fertilizing it and allowing it to produce seeds

ANSWERS: 16. rarely, 17. magic, 18. universe, 19. disorder, 20. relations, 21. survive, 22. rewards, 23. pollinators

24. The _____ video beautifully captured the changing seasons over a year.
- n.* a technique in photography or cinematography where a series of images or frames are taken at set intervals and then played back at a faster speed to create the illusion of time moving quickly
25. One such rapidly growing _____ is quantum cryptography.
- n.* an idea or principle associated with something abstract
26. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
- v.* to force, take, or pull apart; mark as different
27. On the geological time scale, _____ has existed for a brief moment.
- n.* the whole of the living human inhabitants of the earth
28. We could hear the _____ of baby birds.
- n.* a short, high sound made by a small bird; a message sent using Twitter, the social media application
29. The golfer recorded an _____ distance.
- adj.* extremely surprising, especially in a way that you like or admire
30. The cave was a habitat for _____.
- n.* a nocturnal animal with wings that flies and feeds at night, similar to a mouse; a piece of wood with a handle used for hitting the ball in sports including baseball, cricket, and table tennis
31. The _____ declared its independence and became a republic.
- n.* a country or an area that is governed by a more powerful country that is often far away

ANSWERS: 24. timelapse, 25. concept, 26. separate, 27. humankind, 28. tweet, 29. amazing, 30. bats, 31. colony

32. The painting was _____ in an attic and turned out to be a long-lost masterpiece.
- v.* to discover or find again something that was previously known but lost
33. The _____ of the flowers attracted many bees to the garden.
- n.* a sweet liquid produced by flowers that attracts and provides food for bees and other insects; any sweet liquid that is enjoyed as a drink or used as a flavoring
34. Without bees to _____ the flowers, many crops would not exist.
- v.* to transfer pollen from the male part of a flower to the female part, thereby fertilizing the plant and allowing it to produce fruit or seeds; to spread or disseminate an idea or influence to others
35. He enjoys collecting _____ specimens.
- n.* a diurnal insect typically has a slender body with knobbed antennae and broad, colorful wings
36. Watching a _____ at a flower is like observing a miniature ballet of nature.
- n.* a small bird with a highly specialized beak and wings that allow it to hover in place, known for its rapid wingbeats and ability to fly in any direction
37. They study the _____ of the universe.
- n.* a gradual process of transformation of living things
38. We combust _____ and other fossil fuels to generate electricity.
- n.* a combustible black or brownish-black sedimentary rock that is found below the ground and burnt to produce heat
39. While meditating, he had a _____ experience and felt a sense of unity with the universe.
- adj.* relating to or characterized by spiritual powers; beyond ordinary understanding

ANSWERS: 32. rediscovered, 33. nectar, 34. pollinate, 35. butterfly, 36. hummingbird, 37. evolution, 38. coal, 39. mystical

40. He discovered unique _____ for photochemical reactions.

- n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 40. mechanisms