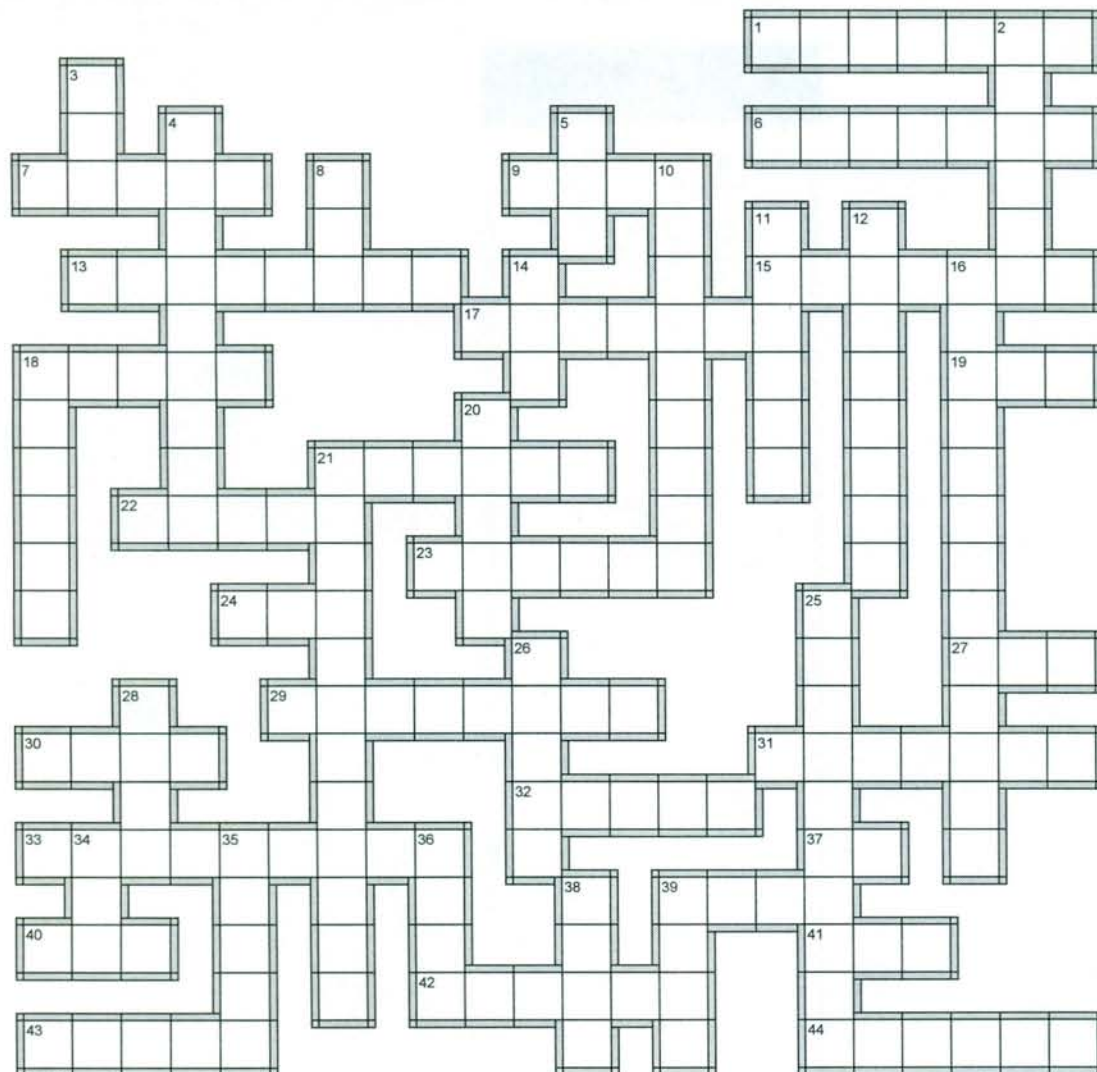


Light Pollution and Dark Skies Crossword #1

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Across

1. When birds do this, light pollution can cause them to lose their way.
6. A key word in IDA's mission statement about the environment, often associated with police officers.
7. This common type of light fixture is one of the worst residential light polluters.
9. The most common first name of IDA conference attendees.
13. We depend on them to report lighting code violations.
15. State in USA with the most number of telescopes and astronomers
17. A large religious organization with its own telescope in the USA using the first mirror from the UofA mirror lab.
18. What disappears when lights are shining light upwards, causing Sky Glow.
19. Our closest star.
21. This type of detector is excellent to turn lights on and off.
22. A type of Light Pollution that's light in your face.
23. The person given credit for inventing the light bulb
24. Outdoor Lighting Codes, abbrev.
27. The best position of a light switch for a bad light.
29. One of the primary objectives of the IDA is to ____ the dark skies.
30. The best thing you can do for the International DarkSky Association (IDA) to keep it going.
31. Wasted light headed skyward is estimated to cost over two _____ dollars per year in the USA
32. The planet with the most light pollution.
33. First IDA dark sky friendly city in the USA and Arizona.
37. The position of a light switch only when the light is needed.
39. Good lights always shine this direction.
40. The initials of the 1988 founded DarkSky organization.
41. The IDA has over ____ thousand members.
42. Co-founder of the IDA and amateur astronomer.
43. These bugs are attracted to white light as if it were a magnet.
44. The units used to indicate how much light a light bulb outputs.

Down

2. The founding city of the IDA
3. Nocturnal, big head, excellent vision at night if lights are off.
4. Animals that are active at night, sleep during the day.
5. This kind of lighting can threaten the whole ecosystem.
8. Very sensitive to Light Pollution, especially glare.
10. The biggest factor that helps reduce Light Pollution
11. These cells can grow faster due to too much light at night in sleeping areas.
12. Name of a candy bar and a solar system. (2 words)
14. More crimes are committed during the ____
16. Often have restricted lighting zones around them to keep them in business.
18. Lighting for this type of event usually has a curfew.
20. These feathered friends often collide with lit-up buildings.
21. The sale of these lamps are banned in Arizona (2 words).
25. Artificial light traveling in this direction is the worst for observatories.
26. Lights should be kept out of these, birds roosts at night.
28. Arizona county with excellent outdoor lighting codes since 1977.
34. Latest technology for street lighting lamp sources.
35. These are normally required to be turned off at the close of business for cities with lighting codes.
36. Their spawning habits are affected by outdoorlights
38. These bug eaters are one of Arizona's night time pollinators.
39. The best room conditions for healthy sleep.

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Word bank

ARIZONA BAD BATS BILLION BIRDS CANCER CITIZENS DARK DAVE DAY DOWN
EARTH EDISON EDUCATION EYE FISH FLAGSTAFF FLOOD GLARE HORIZONTAL
HUNTER IDA JOIN LED LUMENS MERCURYVAPOR MIGRATE MILKYWAY MOTHS
MOTION NOCTURNAL OBSERVATORIES OFF OLC ON OWL PIMA PRESERVE
PROTECT SIGNS SPORTS STARS SUN TEN TREES TUCSON VATICAN

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1 MIGRATE
2 U
3 O
4 N
5 B
6 PROTECT
7 FLOOD
8 E
9 DAVE
10 E
11 C
12 M
13 CITIZENS
14 DU
15 ARIZONA
16 O
17 VATICAN
18 STARS
19 SUN
20 B
21 MOTION
22 GLARE
23 EDISON
24 OLC
25 H
26 T
27 OFF
28 P
29 PRESERVE
30 JOIN
31 BILLION
32 EARTH
33 FLAG
34 STAFF
35 S
36 F
37 ON
38 B
39 DOWN
40 IDA
41 TEN
42 HUNTER
43 MOTHS
44 LUMENS