Thank you for your interest in my Word Search and Scramble for **Light and Waves**.

I think the best way to showcase this product is for you to see a complete, working version so what I've included is the next best thing, my Ecology version. This way, you can see exactly how yours will look.

Your version will be the same but will use words associated with **Light and Waves**. I've included the word list below.

LIGHT
WAVE
REFLECTION
REFRACTION
DIFFRACTION
ABSORPTION
FREQUENCY
WAVELENGTH
AMPLITUDE
SPEED
SPECTRUM
PRISM
TRANSPARENT
TRANSLUCENT
OPAQUE
ULTRAVIOLET
VISIBLE
COLOR
LENS
MIRROR
PHOTON
POLARIZATION
ELECTROMAGNETIC
GAMMA RAYS
MICROWAVES

Ecology Word Search – Locate the terms below on your word search.

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

ECOLOGICAL NICHE		INVASIVE SPECIES
KEYSTONE SPECIES	PHOTOSYNTHESIS	BIODIVERSITY
DECOMPOSER	PARASITISM	POPULATION
TROPHIC LEVEL	SUCCESSION	BIOSPHERE
COMMUNITY	ECOSYSTEM	FOOD CHAIN
HERBIVORE	SYMBIOSIS	OMNIVORE
CARNIVORE	PRODUCER	FOOD WEB
HABITAT	MUTUALISM	PREDATOR
BIOME	PREY	

Ecology Word Search – Scrambled - Locate the scrambled words and then unscramble them.

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

KESYESTONC SEIPISE
ECILCOOGNAH LIEN
SIIEAPCSE NEIVS
SSYHTPIESOHNO
YEDRBSIIVIOT
EHVLCIP TROEL
CPOEDOESRM
LIOUOANPPT
RANVRICEO
SUCOCENISS
HPEBROESI
SYOMEETCS
CHNIF DAOO
YSSMIBIOS
EORIBHVER
ALSITUMM
NMUNOITYC
MIRPISTASA
DEORPART
ITBAAHT
RCEUDORP
YREP
OMRINEOV
DWBOO EF
EIBMO

Word Scramble – Unscramble each term.

Scrambled Term	Term
YEDRBSIIVIOT	
EIBMO	
HPEBROESI	
RANVRICEO	
NMUNOITYC	
CPOEDOESRM	
ECILCOOGNAH LIEN	
SYOMEETCS	
CHNIF DAOO	
DWBOO EF	
ITBAAHT	
EORIBHVER	
SIIEAPCSE NEIVS	
KESYESTONC SEIPISE	
ALSITUMM	
OMRINEOV	
MIRPISTASA	
SSYHTPIESOHNO	
LIOUOANPPT	
DEORPART	
YREP	
RCEUDORP	
SUCOCENISS	
YSSMIBIOS	
EHVLCIP TROEL	

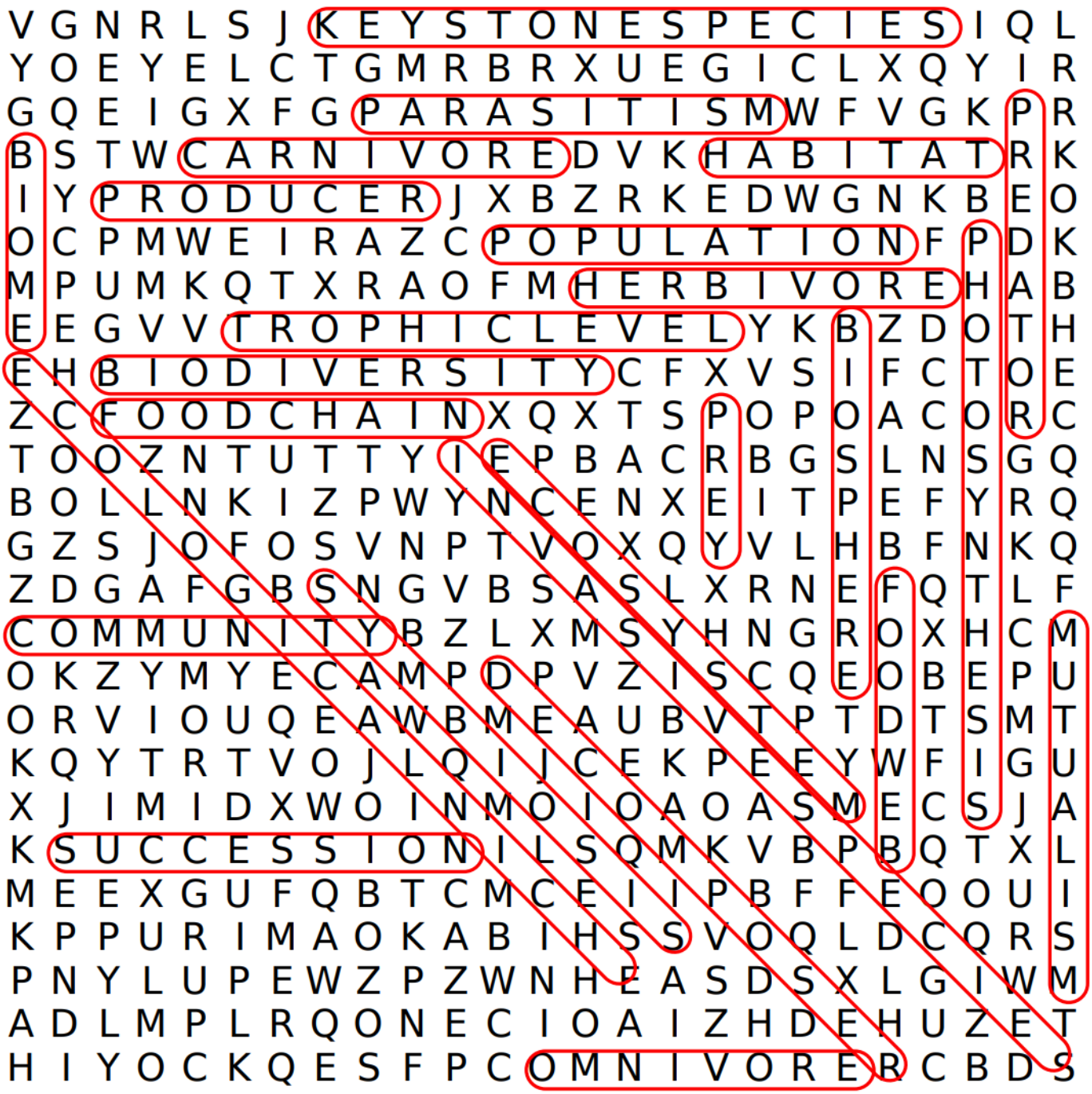
Definition – Write the definition for each term.

Term	Definition – Define each of the terms.
BIODIVERSITY	
BIOME	
BIOSPHERE	
CARNIVORE	
COMMUNITY	
DECOMPOSER	
ECOLOGICAL NICHE	
ECOSYSTEM	
FOOD CHAIN	
FOOD WEB	
HABITAT	
HERBIVORE	
INVASIVE SPECIES	
KEYSTONE SPECIES	
MUTUALISM	
OMNIVORE	
PARASITISM	
PHOTOSYNTHESIS	
POPULATION	
PREDATOR	
PREY	
PRODUCER	
SUCCESSION	
SYMBIOSIS	
TROPHIC LEVEL	

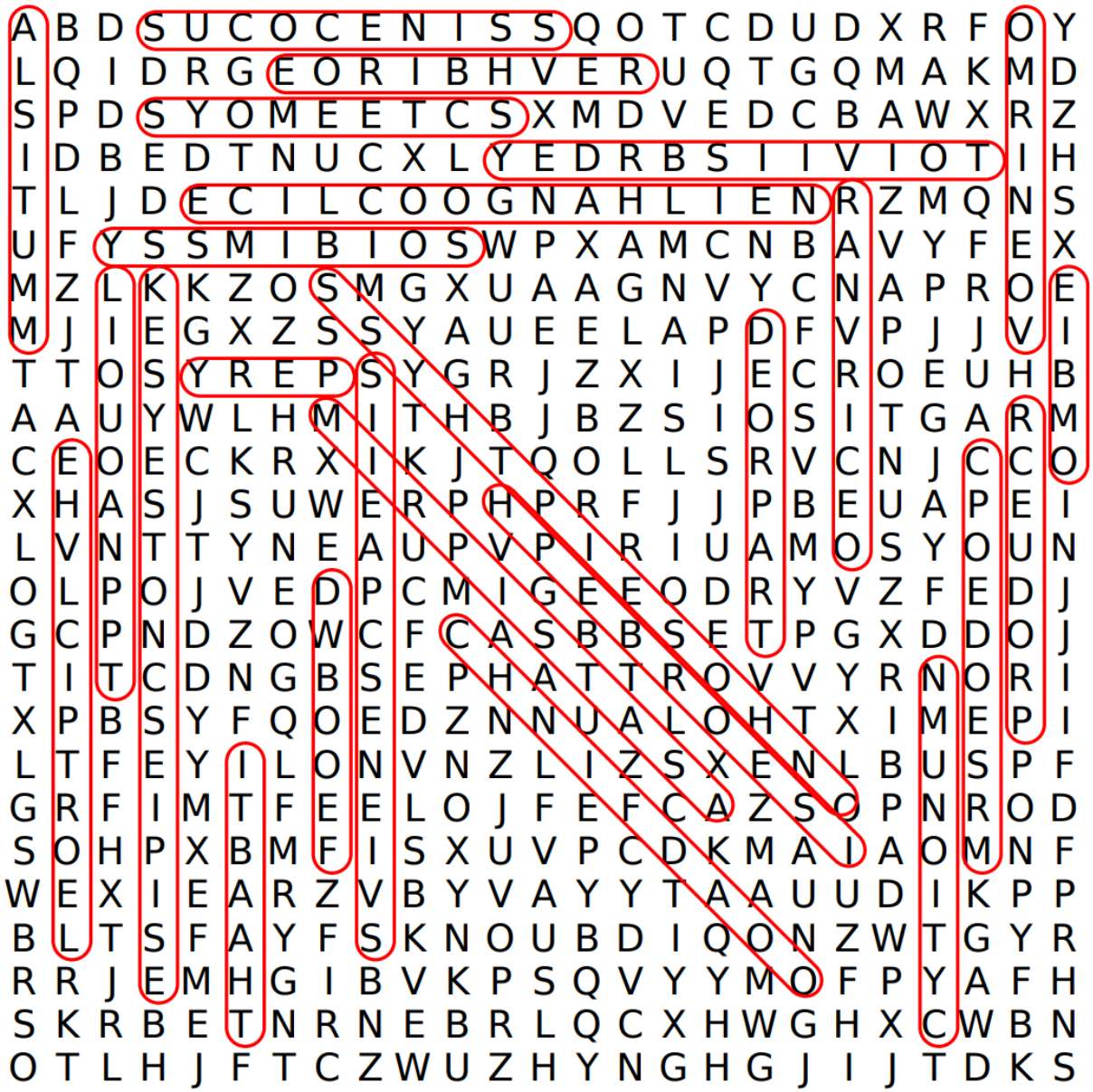
Word Scramble – Unscramble each term then write the definition.

Scrambled Term	Term	Definition – Define each of the terms
YEDRBSIIVIOT		
EIBMO		
HPEBROESI		
RANVRICEO		
NMUNOITYC		
CPOEDOESRM		
ECILCOOGNAH LIEN		
SYOMEETCS		
CHNIF DAOO		
DWBOO EF		
ITBAAHT		
EORIBHVER		
SIIEAPCSE NEIVS		
KESYESTONC SEIPISE		
ALSITUMM		
OMRINEOV		
MIRPISTASA		
SSYHTPIESOHNO		
LIOUOANPPT		
DEORPART		
YREP		
RCEUDORP		
SUCOCENISS		
YSSMIBIOS		
EHVLCIP TROEL		

Ecology Word Search - KEY



Ecology Word Search - Scrambled – KEY



Word Scramble – Unscramble each word then write the definition - KEY.

Scrambled Term	Term	Definition – Define each of the terms
YEDRBSIIVIOT	**BIODIVERSITY**	The variety of life forms within a particular habitat or ecosystem.
EIBMO	**BIOME**	A large ecological area on the earth's surface with distinct animal and plant groups adapted to its environment.
HPEBROESI	**BIOSPHERE**	The global sum of all ecosystems, including all life forms and their relationships.
RANVRICEO	**CARNIVORE**	An animal that feeds primarily on other animals.
NMUNOITYC	**COMMUNITY**	A group of different species living together and interacting in a specific area.
CPOEDOESRM	**DECOMPOSER**	Organisms, such as bacteria and fungi, that break down dead organic material into simpler substances.
ECILCOOGNAH LIEN	**ECOLOGICAL NICHE**	The role and position a species has in its environment, including what it eats, how it behaves, and how it interacts with other species.
SYOMEETCS	**ECOSYSTEM**	A community of living organisms and their physical environment interacting as a system.
CHNIF DAOO	**FOOD CHAIN**	A linear sequence of organisms through which nutrients and energy pass as one organism eats another.
DWBOO EF	**FOOD WEB**	A network of interconnected food chains in an ecosystem, showing how different organisms are related through what they eat.
ITBAAHT	**HABITAT**	The natural environment in which a species lives and grows.
EORIBHVER	**HERBIVORE**	An animal that primarily eats plants.
SIIEAPCSE NEIVS	**INVASIVE SPECIES**	Non-native species that spread widely and cause harm to the environment, economy, or human health.
KESYESTONC SEIPISE	**KEYSTONE SPECIES**	A species that has a disproportionately large effect on its environment relative to its abundance.
ALSITUMM	**MUTUALISM**	A symbiotic relationship between two species in which both benefit.
OMRINEOV	**OMNIVORE**	An animal that eats both plants and animals.
MIRPISTASA	**PARASITISM**	A relationship between two species where one organism (the parasite) lives on or in another organism (the host), causing it harm.
SSYHTPIESOHNO	**PHOTOSYNTHESIS**	The process by which green plants and some other organisms use sunlight to synthesize nutrients from carbon dioxide and water.
LIOUOANPPT	**POPULATION**	A group of individuals of the same species living and interacting in the same area.
DEORPART	**PREDATOR**	An animal that naturally preys on others.
YREP	**PREY**	Animals that are hunted and eaten by predators.
RCEUDORP	**PRODUCER**	Organisms, such as plants and algae, that produce their own food through photosynthesis and serve as a food source for other organisms in an ecosystem.
SUCOCENISS	**SUCCESSION**	The gradual process by which ecosystems change and develop over time, involving species in one stage being gradually replaced by different species.
YSSMIBIOS	**SYMBIOSIS**	A close and long-term biological interaction between two different biological organisms, which may be mutualistic, commensal, or parasitic.
EHVLCIP TROEL	**TROPHIC LEVEL**	The position an organism occupies in a food web, categorized by the number of energy-transfer steps to reach that level.