

Adopt **An** Author

TEEN READING PROGRAM

Office hours M-F 9am - 7pm (est) Sat. 9am-3pm PH: (561) 284-6833 www.AdoptanAuthor.com

DISTANCE LEARNING TEACHER'S MANUAL GRADES 8-12

AUGUST 2020



Dear Educators:

The ongoing threat of the COVID-19 virus will no doubt lead many school districts to decide to open the new school year much like we ended the last one. This time around, Adopt-An-Author is ready to help. Whether you teach English, Reading, Science, Computer Ed. or work in the school library, we have an entire virtual universe standing by to engage your students in distance learning, along with the curriculum materials and an incredible new website and prehistoric world that will dazzle students, parents and teachers!

It was all conceived by our founder, NY Times and international bestselling author Steve Alten long before anyone had ever heard of the Corona virus.

Twenty-one years ago, Steve became inundated with email from thousands of teens who confessed that they hated reading ... but loved his first book *MEG: A Novel of Deep Terror* – a page-turner about Megalodon, the 70-foot, 50-ton prehistoric Great White. So he wasn't surprised when teachers reached out to tell him the impact his giant shark story was having on even their most reluctant readers. It was only after the Young Adult Library Services Association (Y.A.L.S.A.) selected MEG as their top choice for reluctant readers that Alten realized something important was happening and he needed to be involved.

An educator himself (Alten holds a Bachelors, Masters, and Doctorate degrees in education and is certified to teach) the author launched Adopt-An-Author, a free, non-profit secondary school reading program that provided teachers with free curriculum materials, tests, quizzes, vocabulary lists, projects – and direct contact with the author via email and live in-class Q & As via speaker phone (eventually replaced with Skype and Zoom).

That first year we had less than twenty teachers register. But then student grades went up, word-of-mouth hit, and the program took off. Today, we have over 10,000 registered teachers.

Flash forward to 2020. For the last eight months Steve had been working on an ambitious new type of prehistoric viral aquarium theme park, recruiting a team of 3D animators, artists, actors, producers, directors, an engineer, video game programmer, and a prehistoric shark museum curator to bring www.SeaMonsterCove.com to life. The website would be part entertainment and part learning center – its crown jewel being “*Where Sea Monsters Roam*,” a 13-episode Web-TV series which Steve wrote and produced.

But that’s only the beginning. In addition to the show, students will be able to virtually visit the same futuristic aquariums used in the TV series and interact with these prehistoric monsters in their tank as “live bait.” There’s also a “*Where Sea Monsters Roam*” video game where players can track and capture ancient creatures that have avoided extinction by inhabiting an ancient aquifer located two miles beneath the sea floor, and a learning center run by Keith Cowley, a prehistoric shark museum curator.

Adopt-An-Author program MEETS Distance learning:

To accommodate students and teachers, we've added a private library which houses enhanced PDF versions of Steve Alten's novels, each packed with color images. Teachers assign their students a specific novel to read from the website library. Curriculum materials can be found at the www.AdoptAnAuthor.com teacher site. We have posted vocabulary lists, tests, quizzes, state prep exams, fun projects, and more.

While the students are reading the assigned chapters, they can personally email the author and receive a response back in 72 hours or less. Then, when the unit is done, teachers can arrange a live classroom Q & A with their students and Steve Alten via ZOOM or SKYPE.

COSTS:

There is NO CHARGE for teachers to join the Adopt-an-Author teacher website, download any of our enhanced novels, or access the curriculum materials & answer keys.

Students, parents, and teachers who want to join the www.SeaMonsterCove.com site will receive special V.I.P. memberships at only \$9.95 a month. This comes with full use of the park, access to our Web-TV series, video game, interactive aquarium visits and tours. Every 30 days we'll be adding more content, access to a new aquarium adventure, new novels, screenplays, writing tips, and much more – all for less than the cost of a book or a movie ticket a month.

The website and virtual theme park is tentatively scheduled to open on August 21. V.I.P. memberships will go on sale at 12:01 pm EST. For sneak peeks at trailers and park teasers, click here: www.SeaMonsterCove.com

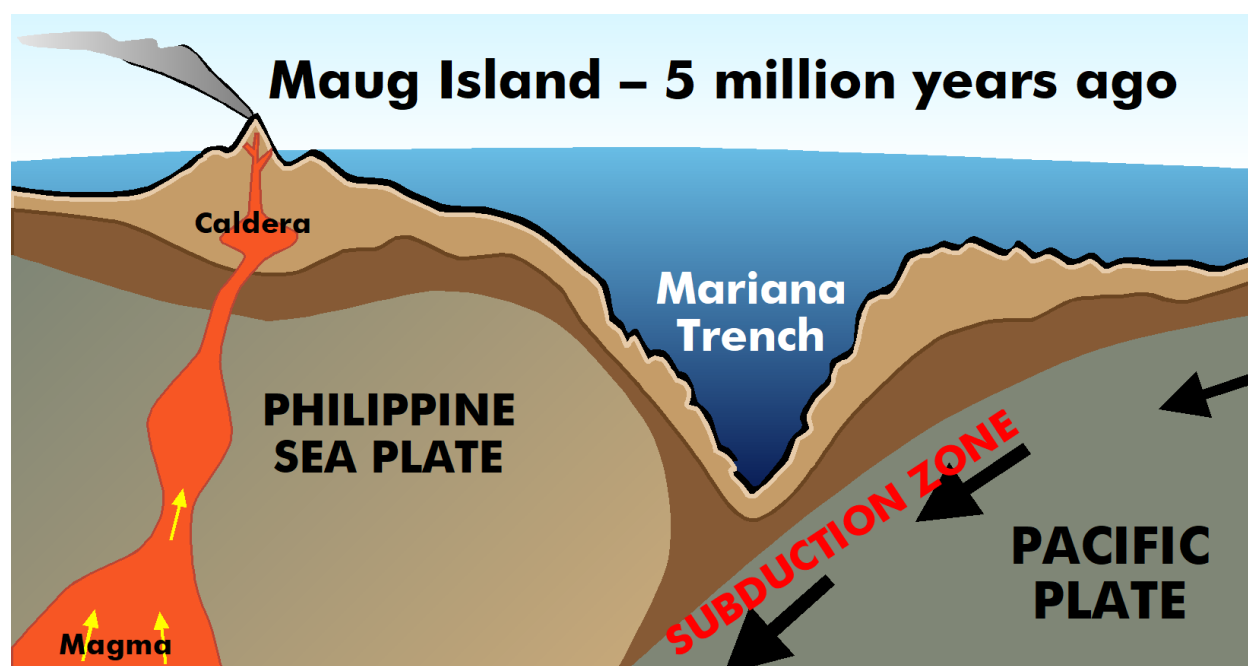
Prepare to be amazed!

Barbara Becker

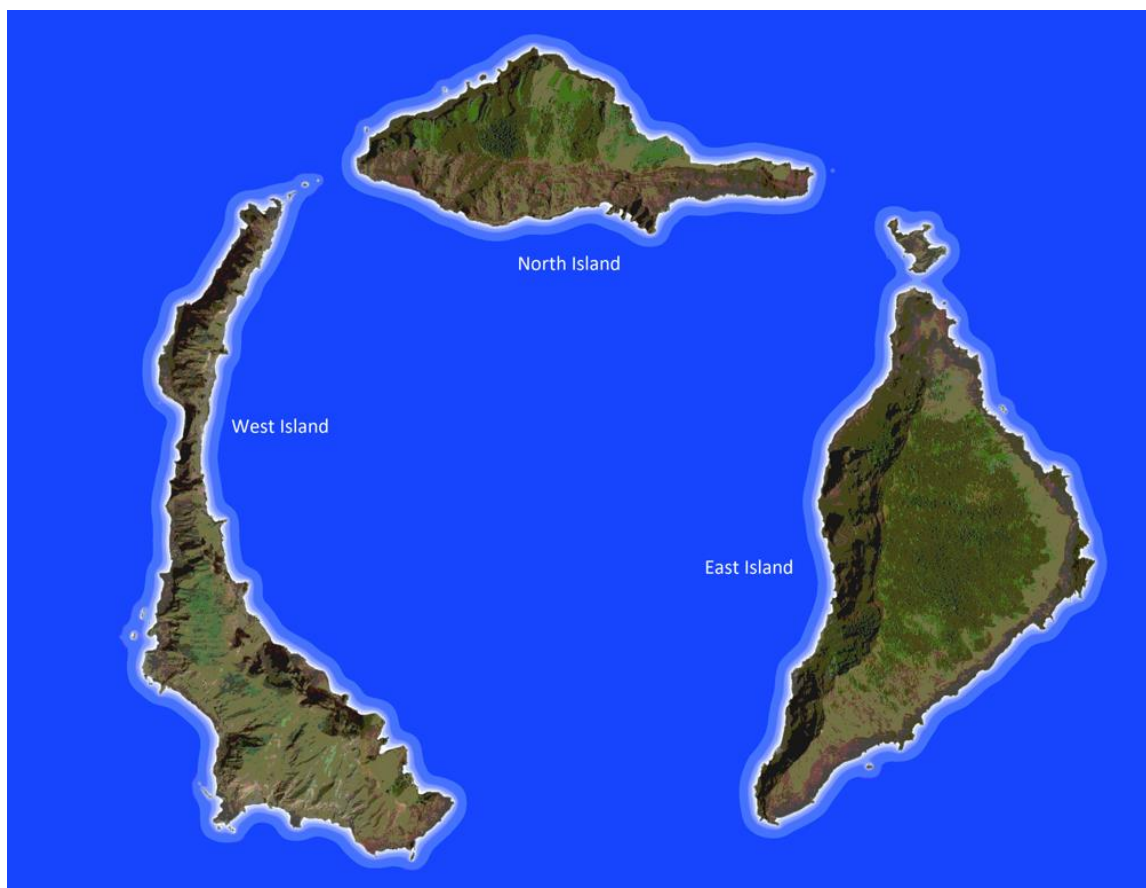
Barbara Becker, Executive Director

The Adopt-An-Author program is a registered 501-3C non-profit teen reading program founded in 1999.

A THEME PARK, VIDEO GAME AND TV SERIES – 330 MILLION YEARS IN THE MAKING



Our virtual theme park and web series takes place on a very special island in the Northern Marianas known as Maug. Like all of the land masses birthed in the subduction zone, Maug rose above the Pacific as a volcano. Five million years ago it erupted so violently that it blew the island apart, leaving behind three islets that had been the volcano's rim and its crater (caldera), a magma chamber that filled with seawater and became a lagoon.



Fast forward to about a decade ago when NOAA scientists dove the lagoon and discovered something amazing – hot mineral water is rising from below the caldera floor, nourishing the sea life and coral reefs – a geothermal power train originating from the mantle.



This is where our story begins ...



The Web-TV Series – written & produced by Steve Alten

“The most terrifying sea monsters in history ... are no longer history.”

Logline:

While in the Northern Marianas on assignment, marine biologist Dr. Maxime Rostand performs an emergency C-section on what he believes is a pregnant Basking shark caught in the net of a Taiwanese fishing trawler, only to discover a new species – *Carcharocles daemonium* – a 60-foot prehistoric Mako. Only two of the dead female’s fifteen pups survive; Snowflake (an albino) and Layla (pure black demon). Faced with a choice of killing the sharks or risking introducing an ancient apex predator into our oceans, Dr. Rostand and his companions decide to raise the siblings in Maug’s lagoon which they believe shares the same hot mineral waters as the mysterious habitat from which their mother fled – a lost primordial aquifer that dates back 330 million years.

Short Summary:

While investigating the warm volcanic mineral waters of Maug Island’s lagoon, French marine biologist Dr. Maxime Rostand performs an emergency C-section on a dead Basking shark caught in a trawl net, only to discover a new species – *Carcharocles daemonium* – a 60-foot Mako, prehistoric cousin of the modern-day Black Demon shark, reported to inhabit the deep waters in the Sea of Cortez. Only Snowflake and Layla survive – the sharks and other ancient predators inhabiting a primordial aquifer located two miles beneath the Philippine Sea floor, which is the source of the lagoon’s hot mineral waters. Faced with a daunting choice, Dr. Rostand and his companions must locate the lost sea in order to secure the money needed to build high-tech aquariums that will house the pups and the other terrifying creatures of Sea Monster Cove.



AQUARIUMS

There are two aquarium facilities at Maug Island. Both habitats are situated inside the cove, which is actually the caldera (magma chamber) of a volcano that erupted 5 million years ago. All of the islands in the Northern Mariana chain are the peaks of a volcanic mountain range that have risen more than 6 miles (9.5 km) from the seabed. Eight years ago, marine biologist Dr. Maxima Rostand and his team discovered superheated mineral water is percolating up from the mantle into Maug's lagoon, nourishing a thriving marine community. Three years later he discovered the source of the water – miles of hydrothermal vents feeding a vast ancient aquifer located 2.1 miles beneath the Philippine Sea Plate. For more than 330 million years these hot springs have sustained life in this prehistoric purgatory; now this same water supply feeds our two massive aquariums, keeping our prehistoric sharks and sea creatures alive and healthy.

The “O”-QUARIUM:

Home to Snowflake and other prehistoric sharks, the “O” is essentially a giant seamless bowl composed of 10-inch-thick aerogel, a super-strong lightweight plastic.



There are four unique vantages to observe the “O’s” residents – the topside Arena, the Underwater Walk-About, the suites inside the Black Demon Inn, and the scariest encounter: inside the tank in our 360-degree Blind. Every experience is unique in that YOU control the view and WE reshuffle the sharks’ sequence daily.

Sea Monster Cove

The SMC facility consists of six massive sphere-shaped prehistoric marine habitats – each one home to a specific era of prehistoric marine creatures – accessible through the main hub (large central sphere) which also holds the Permian Princess hotel.

There are two unique vantages to observe our sea creatures. The first is the Standard Aquarium Experience where you observe from the peripheral viewing corridor as the lifeforms circle the tank. The second option – the “360 experience” is far more interactive as you enter a one-person Breathable Aquatic Interactive Tank (B.A.I.T.) and we lower you by cable directly into the prehistoric habitat.



WARNING:

Not recommended for children under 13 or the faint-of-heart.

The moment you enter their domain the sea creatures will detect you, determine whether you are edible (you are), and circle in attack-mode. Every experience is unique in that YOU control the view and WE reshuffle the sharks' sequence daily.

Sphere 1: The Ordovician

Sphere 2: The Devonian

Sphere 3: The Triassic

Sphere 4: The Jurassic

Sphere 5: The Cretaceous

Sphere 6: Undiscovered Pre-K/T



The Video Game

Technical Information:

Where Sea Monsters Roam, the Video Game is a First-Player, PC, RPG that will initially be available for download via the main Sea Monsters Cove website with a mobile version of the game following. The primary objective of the game is to capture the newly rediscovered prehistoric aquatic creatures from their primordial sea and bring them back to the aquariums located on Maug Island. Users will have a series of controls to use on their keyboards that will allow them to access various functions throughout the game.

Summary

Story Mode:

The Main Story Mode is the arc that players will follow as it will be set in the isolated primordial habitat of Sea Monsters Cove. Players will assume the role of a Deep Ocean Hunter Pilot (DHOP); their command vessel – a Tow Sub attached by steel cable to a giant Bait Ball Trap. To access the primordial sea, the DOHP descends through a two-mile-deep crevasse located at the bottom of the Mariana Trench. Water pressure exceeds 18,000 psi, threatening to crush the submersible.

Players will select one of the prehistoric aquatic creatures to Track, Trap & Tow back to the crevasse. Players will have an area of 4.5 miles (7.3 km) by 5 miles (8 km) of game space to hunt their prey – their presence detected by the sea creatures, rendering them as targets on the food chain.

Each sea monster will have a set of attacks and defenses that are designed to cause damage to the user and evade capture. If Players receive too much damage to their underwater craft or have a breach, the pressure will implode the sub and the player will lose their catch.

Players will have a series of weapons of their own they can use to inflict damage or stun their target long enough to try to successfully capture it. In addition to the creatures lurking around, Players must pilot their vessels around Hydrothermal Vents, Lava Fissures and Sea Mounts (underwater mountains) – a direct impact always a threat in these dark waters.

Upon successfully capturing their intended animal, a Player must tow their asset back to the crevasse; the panicked biologic thrashing about in its trap, its movements alerting other bigger and more terrifying creatures of the deep. Once the Player has reentered the crevasse, that challenge is complete.

As more of the underwater sea is mapped out, newer creatures and landscapes will become available for your ever-growing collection. Capturing all the creatures will make the Player eligible to stalk the legendary Black Mako Shark.

Players will be allowed to choose from two different settings: Normal & Expert. Normal Level will be the main level with standard gameplay while Expert will allow Players a more graphic and challenging version of the game.

Multiplayer Mode:

Players can challenge other players in a double player timed race Asset Extraction challenge to see who can capture their target first. Players can challenge 1 to 2 other players to see who can capture their target the fastest while navigating throughout the underwater sea. Players will still have the same set of controls and functions in this Mode as they did in the main Story Mode.

Hunter Mode:

Once you have successfully unlocked and captured all the Assets, Players will have the ability to play as the Black Mako Shark and hunt throughout the Sea. As the Mako, players can hunt and battle other creatures, avoid detection from underwater drones and do battle with other Tow Subs making their way through the habitat.

Skill Levels:

Players will try to rack up Kill Points to see just how good they are as a Deep Ocean Hunter Pilot and the Black Demon Mako shark.

Kevin Miller

Video Game Programmer

Where Sea Monsters Roam



The MEG
(Previously published as *Meg: A Novel of Deep Terror*)
2020 Enhanced PDF Version
Including the Prequel “*MEG: Origins*” at the end of the book.
CURRICULUM & PROJECT IDEAS

Dear Teachers:

One of the goals of the ADOPT-AN-AUTHOR program is to assist teachers by providing a pool of easily accessible curriculum and project ideas. Materials will grow as more teachers email me their ideas over the coming school year. I hope you participate.

The MEG is the first in a series featuring *Carcharodon megalodon*, the fearsome 60-foot, 70,000 pound prehistoric cousin of the great white shark. The **TRENCH** is the second book in the series, followed by **MEG: PRIMAL WATERS**, **MEG: HELL’S AQUARIUM**, **MEG: NIGHTSTALKERS** and **MEG: GENERATIONS**. If you have not read **MEG**, you will find it to be a fast-paced, page turner—something that will keep your readers on the edge of their seats. **The MEG**, the blockbuster movie from summer 2018 starring Jason Statham, was based on this book. This curriculum corresponds with the new 2020 Enhanced PDF version of **The MEG**. It includes **The MEG** prequel (**MEG: Origins**) at the end. The page numbers in the answer keys for teachers are based on the page numbers of the 2020 Enhanced version of the book.

The interactive website: www.SteveAlten.com offers supplemental information for each book, as well as educational links, contests for readers, exciting tours, background information on how I was published and free downloadable images. Everything is designed to enhance your student’s reading experience.

One of the best and most unique aspects of the Adopt-An-Author program is having direct access to a New York Times Bestselling author. I invite your students to email me. A link is provided on the website. I read each and every email, then send out a personalized reply to each letter. This is NOT an automated response. Second and third letters are handled differently.

All of my novels are part of the RENAISSANCE ACCELERATED READER and the SCHOLASTIC READING COUNTS programs. **The MEG** was named top choice for reluctant readers by the Young Adult Library Services Association (Y.A.L.S.A.).

As a former educator, it is my goal to provide teachers with a very unique program that combines thrilling novels with exciting curriculums and opportunities for students to converse with a bestselling author. I am personally financing this entire venture. This is my commitment to you. All I request is that (once you see the results) you simply spread the word about the program throughout your school and among your peers.

Please do not hesitate to contact me with any questions or input. I think you will be impressed!

—Steve Alten

CURRICULUM MATERIALS



Because students also have access to this section, the Answer Key to all sections will be provided via email to the teacher's email address registered in the Adopt-An-Author program.

The materials are divided as follows:

1. Characters
2. Vocabulary
3. Chronological Events
4. True-False Questions
5. Multiple Choice Questions
6. Acronyms
7. Vessels
8. Megalodon Shark Anatomy
9. Science/Oceanography
10. Settings
11. Projects

CHARACTERS



Characters listed appear in either **The MEG** or **Meg: Origins**, or in **both**.

Major Characters:

Professor Jonas Taylor

Dr. Frank Heller

James “Mac” Mackreides

Paul Agricola

Maggie Taylor

Bud Harris

Terry Tanaka

Masao Tanaka

Minor Characters:

Captain George Nares

Richard Danielson

Richard Prestis

Mike Shaffer

Gustave Maren

David Adashek

D.J. Tanaka

Alphonse DeMarco

Captain Leon Barre

John Paul

Commander McGovern

André Dupont

Dr. Tsukamoto

Dr. Simidu

Dennis Heller

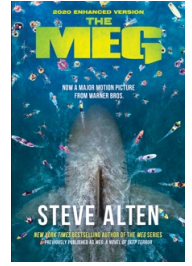
Wade, Dylan & Austin Maller

MEG VOCABULARY



The page numbers correspond with the exclusive color PDF version of this book, and the words listed appear on the pages shown below, though they may also appear in other places throughout the book.

p. 1	lethal	p. 66	mesmerized	p. 123	quivering	p. 240	subterranean
p. 4	scavengers	p. 68	adrenaline	p. 127	maelstrom	p. 242	archipelago
p. 4	predatory	p. 69	gargantuan	p. 128	gnashing	p. 244	renowned
p. 7	decimated	p. 69	torso	p. 129	ambient	p. 247	excursions
p. 7	specimen	p. 70	spasms	p. 131	encumbering	p. 248	erratic
p. 8	encrustations	p. 72	hyperextended	p. 135	frenzy	p. 249	sophisticated
p. 9	conjecture	p. 73	jettisoning	p. 142	unique	p. 249	consensus
p. 9	smattering	p. 73	claustrophobia	p. 143	plethora	p. 250	temperate
p. 10	stint	p. 73	groped	p. 148	contortions	p. 250	ferocity
p. 14	aberrations	p. 76	bombarding	p. 156	cavernous	p. 253	monotonous
p. 17	feigned	p. 77	hypothermia	p. 158	unfathomable	p. 254	bulbous
p. 21	titanium	p. 77	furtively	p. 164	legacy	p. 256	unfurled
p. 23	cetacean	p. 78	paralleling	p. 179	sensory	p. 257	habitat
p. 23	obstinate	p. 82	devastated	p. 183	plummeting	p. 28	coalesced
p. 29	nauseating	p. 87	abandon	p. 184	evolution	p. 59	symbiotic
p. 30	emphasizing	p. 87	environment	p. 186	listing	p. 260	adaptation
p. 31	inhabitants	p. 87	originating	p. 187	vigil	p. 260	quarantined
p. 32	integrity	p. 87	tantalizing	p. 192	dirigible	p. 261	expended
p. 38	extinct	p. 88	infrastructures	p. 201	simultaneously	p. 262	undulating
p. 40	contraption	p. 89	perimeter	p. 207	dormant	p. 262	debris
p. 44	rampage	p. 90	seaworthy	p. 212	esophagus	p. 264	serrated
p. 50	denticles	p. 92	submerged	p. 212	regurgitated	p. 264	succulent
p. 52	tapestry	p. 93	precariously	p. 215	discernible	p. 267	maneuvered
p. 55	bioluminescent	p. 97	genetic	p. 215	excretions	p. 278	huddled
p. 56	bizarre	p. 98	aggressive	p. 217	relinquished	p. 270	partakes
p. 59	hyperventilating	p. 98	migration	p. 219	silhouette	p. 274	agitated
p. 61	massive	p. 99	culmination	p. 221	flammable	p. 276	equilibrium
p. 61	vertigo	p. 100	tranquelize	p. 229	incessant	p. 277	influx
p. 62	spewing	p. 104	elaborate	p. 237	mentor	p. 279	obscured
p. 62	theorized	p. 105	vindicated	p. 238	trepidation	p. 281	submersible
p. 62	desolate	p. 110	fluke	p. 238	buoyant	p. 283	beckoned
p. 64	albino	p. 113	rendezvous	p. 239	attributes	p. 285	credibility
p. 65	hallucinated	p. 118	scapegoat	p. 239	acuity	p. 287	evaluation
p. 66	periphery	p. 121	lacerations				



CHRONOLOGICAL EVENTS

The following items are in the order in which they occurred in the book. Please fill in the answer(s) to each item.

1. Professor Jonas Taylor lectured at The Scripps Institute about:

2. Maggie Taylor earned the Golden Eagle for her work about:

3. UNIS drones had been deployed along a 125 mile stretch of the Mariana Trench to:

4. The small cockpit of the Beechcraft airplane bothered Jonas because he suffers from:

5. What reporter did Maggie Taylor hire to follow Jonas and leak information to make him look bad?

6. Masao explained to Jonas that the Lagoon was his dream because of his life-long love of:

7. After Jonas explained to Masao what happened during his dive seven years before, Masao suggested to Jonas that what he really might have seen was:

8. The name of Masao's ship is the:

9. Jonas was surprised to discover that the *Kiku's* mechanic was his old friend:

10. Jonas was dismayed to find out that Masao's physician onboard the *Kiku* was:

11. Jonas was humiliated when Frank Heller entered the galley and declared:

12. Shortly into the dive, Jonas panicked and his readings and vital signs went into the red zone because:

13. Jonas found the white triangular object he had seen in the video at Masao's lagoon. He was embarrassed to realize it was:

14. The male Meg was trapped by:
_____ and killed by:

-
15. After D. J.'s catastrophe, Jonas made it to the top in:
-
16. Maggie rushed to Guam to:
-
17. Jonas told Terry the female shark could have come to the surface because:
-
18. In Saipan, Jonas and Mac inspected the carcass of a humpback whale. What did Jonas find there and what happened next?
-
19. Who agreed to underwrite the funding for the completion of Masao's lagoon and the hunt to capture the Megalodon?
-
20. Mac's role in capturing the Megalodon was:
-
21. Mac explained to Jonas the features of the Abyss Glider-I that made it different from the Abyss Glider-II that he used on his dive with D.J. Name three of these different features.
-
22. The first U.S. Navy nuclear-powered submarine was the:
-
23. The surfer Rick Bohler thought he was underwater, but he was really:
-
24. Dylan Maller was surfing a big wave to reach shore as the Megalodon bore down on him, and he was saved by:
-
25. The Japanese vessel that put out a distress call had an illegal catch of eighteen:
-
26. Frank Heller stretched out his hand but could not save:
-
27. Maggie Taylor took her expedition to what area near the Farallon Islands?
-
28. The stench surrounding the *Magnate* came from:
-
29. The female Megalodon gave birth to _____ male pup(s), and _____ female pup(s).
-
30. A male Megalodon pup died when:
-
31. Maggie Taylor's experience with the Megalodon ended with:
-

-
32. Bud Harris was saved from being eaten by the Megalodon when:
-
33. Andre Dupont of the Cousteau Society said they were seeking to have *Carcharodon megalodon* placed:
-
34. Jonas learned by watching a news report that David Adashek was a reporter for the same network as:
-
35. Another Megalodon pup died when:
-
36. The *Cap'n Jack's* propeller was bent by:
-
37. The large dosage of pentobarbital and ketamine was used to shut down the Meg's:
-
38. Terry used the retractable arm of the AGini-sub to:
-
39. Frank Heller and Dick Danielson were on Bud Harris's ship, the *Magnate*, in order to:
-
40. When Mac said, "Hope you're in the mood for a Mac Attack!," he was heading for:
-
41. During the chaos after the depth charge detonated, Masao Tanaka suffered:
-
42. How did the Megalodon get free of the cargo net?
-
43. Terry was launched into the water when the Megalodon came up under their lifeboat. How did Jonas save Terry?
-
44. With the AG-I's batteries depleted, Jonas used the hydrogen rocket to:
-
45. Bud Harris shot Mac in the leg, then forced Mac to:
-
46. How did Jonas keep from slipping into the Megalodon's intestines?
-
47. Jonas was rising to the surface in the escape pod. Why did it slow down?
-
48. As Jonas was on the way to the recompression chamber, he saw the shark being towed in the trawl net. What did Jonas realize about the shark?
-

49. Captain George Nares was in command of the ship:

50. The *Challenger Deep* was the deepest section of:

51. Early exploration of the *Challenger Deep* was done in 1960. What kind of vehicles were used?

52. Who are the seafaring people who are indigenous to Guam?

53. The *Tallman* was performing a scientific expedition in the:

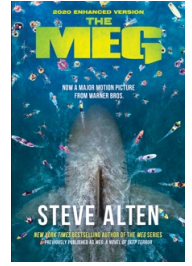
54. Jonas told Dr. Shaffer that the size of fossilized Megalodon teeth that had been found was:

55. The Megalodon's _____ teeth were used for gripping prey; the _____ teeth were designed to puncture bone, sinew and blubber.

56. By attacking the cuttlefish, the *Kronosaurus* had indirectly challenged:

57. The female Megalodon was being lured up into the cold waters by the pings from *Sea Bat-I* initiated by the crew of:

58. Jonas managed to survive the emergency ascent because he found:



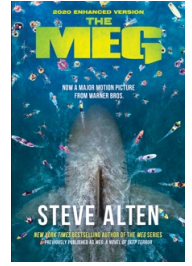
TRUE-FALSE QUESTIONS

- ☐ True ☐ False 1. The scenario Jonas presented between the T. rex and Megalodon could have happened exactly as he described it.
- ☐ True ☐ False 2. When sharks die, there is no skeleton because their skeleton is made of cartilage, not bone.
- ☐ True ☐ False 3. Fossilized Megalodon teeth are pure white.
- ☐ True ☐ False 4. Jonas had deep sea submersible training at Woods Hole Oceanographic Institute.
- ☐ True ☐ False 5. Maggie won an Emmy award at the San Diego Media Awards.
- ☐ True ☐ False 6. When Jonas left the awards, he took a taxi home.
- ☐ True ☐ False 7. The UNIS drones were being deployed into the *Challenger Deep* to enhance long distance telephone cables.
- ☐ True ☐ False 8. The Mariana Trench is the deepest known depression on earth at 35,827 feet below sea level.
- ☐ True ☐ False 9. The Tanaka Lagoon was originally designed to hold giant squid and Megalodons.
- ☐ True ☐ False 10. Masao needs Jonas to help determine what happened to the UNIS drones so JAMSTEC will reinstate their funding to complete his lagoon.
- ☐ True ☐ False 11. Masao convinced Jonas to make the dive into the *Challenger Deep* both as a favor to Masao, and to help Jonas face his fears.
- ☐ True ☐ False 12. LEXAN can be used like bullet-proof glass.
- ☐ True ☐ False 13. Using its ampullae of Lorenzini, a Megalodon could detect the heartbeat of its prey from miles away.
- ☐ True ☐ False 14. Frank Heller declared Jonas wasn't fit to make the dive with D.J., but Masao overrode Heller's decision.
- ☐ True ☐ False 15. D.J. attempted to get away from the male Megalodon by hiding behind a black smoker.

- ☐ True ☐ False 16. When the crew of the *Kiku* couldn't reach either D.J. or Jonas, they decided to tow D.J.'s sub to the surface since the cable from his sub was still attached to the surface ship.
- ☐ True ☐ False 17. Jonas was shocked to see a larger female Megalodon chasing after the entangled male Megalodon.
- ☐ True ☐ False 18. David Adashek told Maggie that Jonas was recovering in a hospital on the Hawaiian island, Oahu.
- ☐ True ☐ False 19. Jonas woke up in the hospital after having a nightmare that he was confronting Maggie and Bud Harris.
- ☐ True ☐ False 20. In Saipan, Jonas found a six-inch white Megalodon tooth in the carcass of a dead humpback whale.
- ☐ True ☐ False 21. At the briefing on Guam, Jonas told the group the second Megalodon he saw was over 100 feet long.
- ☐ True ☐ False 22. Jonas said the Megalodon wouldn't surface during the day because the prey she preferred would only be around at night.
- ☐ True ☐ False 23. While searching for the Megalodon by helicopter, Terry switched the tracker dart with a 20mm explosive shell.
- ☐ True ☐ False 24. The Billabong Big Wave Contest took place in Malibu, California.
- ☐ True ☐ False 25. Gangbanger Rick Bohler managed to surf to shore ahead of all the others.
- ☐ True ☐ False 26. The Megalodon was attracted to the Japanese ship because it was carrying an illegal load of dead gray whales.
- ☐ True ☐ False 27. The *Nautilus* crew fired a torpedo at the Megalodon.
- ☐ True ☐ False 28. Frank Heller was horrified when he couldn't save his brother, Dennis, from the Megalodon.
- ☐ True ☐ False 29. Maggie and her crew left the *Kiku* because there were no sightings of the Megalodon in four weeks, and her network lost interest.
- ☐ True ☐ False 30. The female Megalodon broke off her attack on the blue whale calf because the bull of the herd chased her off.
- ☐ True ☐ False 31. The Megalodon gave birth to six pups, but only three survived.

- ☐ True ☐ False 32. Maggie went into the water with great white sharks to test her specially-built shark tube.
- ☐ True ☐ False 33. The Megalodon couldn't get a grip on the round Lexan shark tube Maggie had specially made.
- ☐ True ☐ False 34. A news story reported that the Megalodon had been listed as a protected species.
- ☐ True ☐ False 35. As Bud Harris left the hospital, Frank Heller and Richard Danielson came to pick him up.
- ☐ True ☐ False 36. Jonas admitted to Mac that he was having nightmares that Terry was going to be eaten by the Megalodon.
- ☐ True ☐ False 37. Jonas realized the Megalodon was now surfacing during the day because it was no longer afraid of the surface boats.
- ☐ True ☐ False 38. Terry saw the Megalodon wasn't breathing, so she rammed the Abyss Glider into its jaw, forcing it to open so water could flow through and out of its gills.
- ☐ True ☐ False 39. Once Terry had positioned the cargo net around the captured Megalodon, she noticed the shark had given birth.
- ☐ True ☐ False 40. The depth charge accidentally fell off the *Magnate* as the yacht veered sharply after Mac's helicopter attack.
- ☐ True ☐ False 41. Alphonse DeMarco used the harpoon gun to give the Megalodon a second dose of barbiturates when it managed to get free of the net.
- ☐ True ☐ False 42. Danielson and Heller convinced Bud Harris to leave the *Magnate* with them in the Zodiac.
- ☐ True ☐ False 43. Jonas managed to reconnect the battery wire restoring power to his Abyss Glider.
- ☐ True ☐ False 44. As the *Kiku* started to sink, all the crew members got into two lifeboats.
- ☐ True ☐ False 45. The *Magnate* was the vessel that rescued the surviving crew from the *Kiku*.
- ☐ True ☐ False 46. Using a gun, Bud Harris forced Mac to repair the *Magnate's* engines.
- ☐ True ☐ False 47. Mac was rescued by the trawler hired by the Cousteau Society.

- ☐ True ☐ False 48. Jonas used the last few seconds of hydrogen boost trying to shoot himself back out of the Megalodon's mouth.
- ☐ True ☐ False 49. Terry was able to save Jonas, but his rapid ascent caused him to have the bends (nitrogen bubbles in his bloodstream), so they were rushing him to a recompression chamber.
- ☐ True ☐ False 50. Captain Richard Danielson told Jonas Taylor he would be subject to a court martial if he didn't pilot the *Sea Cliff* on a fourth dive.
- ☐ True ☐ False 51. The region of Micronesia is located in the North Atlantic Ocean.
- ☐ True ☐ False 52. James "Mac" Mackreides was a helicopter pilot while stationed on Guam.
- ☐ True ☐ False 53. Paul Agricola told the *Tallman* crew that he believed the large animal they had been tracking was a *Carcharodon megalodon*.
- ☐ True ☐ False 54. Cuttlefish travel in schools so they appear to be one large creature to scare off potential enemies.
- ☐ True ☐ False 55. The juvenile female Megalodon had been tracking a school of barracuda through the trench.
- ☐ True ☐ False 56. When Jonas saw something really large on his sonar, he ordered the ROV to be shut down because he said the predator could detect its electrical discharges.
- ☐ True ☐ False 57. Jonas was so exhausted from his previous three dives that he kept drifting into catnaps during his fourth dive.
- ☐ True ☐ False 58. Paul Agricola told his crew to quickly head south because the Megalodon was coming to the surface.



MULTIPLE CHOICE QUESTIONS

Please circle the letter for the correct answer for each of the questions below.

1. **What did Jonas say the water pressure was at the bottom of the Mariana Trench?**
A. A million lbs. per square inch. B. 25,000 lbs. per square inch.
C. 16,000 lbs. per square inch. D. 6,000 lbs. per square inch.
2. **Bud Harris had been Jonas's roommate where?**
A. Woods Hole Oceanographic Institute. B. Scripps Institute.
C. Boston University. D. Penn State University.
3. **How did Jonas get home from the Media awards?**
A. He hailed a taxicab. B. He took Bud's limo.
C. Terry Tanaka drove him. D. He took the bus.
4. **Who came to visit Maggie in her hotel room the morning after the awards ceremony?**
A. Bud Harris. B. Terry Tanaka.
C. David Adashek. D. Jonas Taylor.
5. **What did Chief Engineer Al DeMarco say he thought caused the damage to the UNIS drones which had been deployed in the *Challenger Deep*.**
A. A strong underwater current. B. Not placed properly when deployed.
C. A manufacturing defect. D. Seismic activity.
6. **Jonas decided to return to the Mariana Trench because:**
A. He wanted to prove to Terry he's strong. B. He wanted to kill a Megalodon.
C. He wanted to collect a white tooth he saw on video to prove Megs still exist. D. He wanted to help Masao capture a live Megalodon.
7. **As Jonas was about to land on the *Kiku*, he saw a man doing a water sport next to the ship. What was the water sport?**
A. Kite boarding. B. Water skiing.
C. Surfing. D. Parasailing.
8. **When D.J. insisted on knowing more about Megalodons, Jonas told him:**
A. They existed for 400 million years. B. It was the apex predator of all time.
C. It could track prey from miles away. D. All of the above.
9. **Mac gave Jonas a neoprene bio-suit to wear during the dive. What did Mac say it would do?**
A. Keep him warmer. B. Provide extra oxygen if needed.
C. Monitor Jonas's vital signs. D. Allow him to contact Mac directly without anyone else hearing him.

10. **While Jonas was using his sub's mechanical arm to clear debris around the damage UNIS drone, what was D.J. doing?**
A. Looking for other UNIS drones. B. Fending off schools of cuttlefish.
C. Untangling the cable from his sub's mechanical arm. D. All of the above.
11. **Jonas told D.J. that the large biologic he saw on sonar was homing in on them. What did Jonas say was attracting it?**
A. The lights from their subs. B. The motion of nearby fish.
C. Vibrations from their subs. D. It could smell the discharge from the sub.
12. **What caused Jonas's sub to go flying across the floor crashing into a black smoker?**
A. He accidentally put it in reverse. B. D.J.'s sub collided with Jonas's sub.
C. An underwater whirlpool developed and his sub got caught up in it. D. A concussion wave from the Megalodon's swishing caudal fin.
13. **Why did the male Megalodon keep rising up into the frigid waters?**
A. It was caught in the cable connected to D.J.'s sub. B. It was being chased by a Kronosaurus.
C. It was trying to get away from the female Megalodon. D. It was seeking comfort after being scorched by getting too close to a black smoker.
14. **The female Megalodon escaped the Mariana Trench by:**
A. Chasing Jonas's sub to the surface. B. Being hooked and hauled to the surface by the *Kiku*.
C. Staying within the dead male's streaming blood as it was towed up. D. Chasing a school of squid that was heading for the surface.
15. **At the press conference on Guam, what did Frank Heller say was the reason he was convinced no other Megalodons came to the surface?**
A. He was sure only one could have have possibly existed in the first place. B. It couldn't have made it through six miles of near-freezing temperatures.
C. He didn't see any other Megalodons. D. They saw a second Megalodon, but destroyed it right away.
16. **Jonas had Mac fly him to Saipan because:**
A. He saw a news report on whales and dolphins beaching themselves there. B. He wanted to get away from all the reporters.
C. He heard Maggie was coming and he didn't want to see her. D. He thought there was a better hospital on Saipan.
17. **How did Jonas and Mac get away from the Megalodon in Saipan?**
A. They outran it using John Paul's boat. B. They hid under a pier.
C. They hit it on the snout with their oars. D. They jumped onto a buoy.

18. **During Commander McGovern's briefing on Guam, what surprising detail did Jonas disclose about the female Megalodon?**
A. It was much smaller than the male. B. It was darker in color than the albino male.
C. It was pregnant. D. It was not the reason the male had died.
19. **Maggie and her crew were allowed on the *Kiku* while they were trying to capture the Megalodon because:**
A. She wanted to reconcile with Jonas. B. Her network was sponsoring the expedition.
C. She bribed a JAMSTEC official. D. Terry agreed to it to get back at Jonas.
20. **Jonas's plan to capture the Megalodon was to:**
A. Lure it into the Tanaka lagoon with a dead whale. B. Attract it by using sonar pings.
C. Capture it on a big hook. D. Drug it, then haul it into the Tanaka lagoon inside a net equipped with inflatable buoys.
21. **When Jonas and Mac spotted the Megalodon from the helicopter, she was stalking:**
A. A school of squid. B. A pod of dolphins.
C. A humpback whale calf. D. All of the above.
22. **When the Megalodon launched itself at Mac's helicopter, what did Terry do?**
A. She shot a 20 mm shell at the Meg but missed. B. She threw Maggie's camera out the window.
C. She hit it with a tracking dart. D. She dropped the rifle trying to save Jonas.
23. **Whose idea was it to use the *Nautilus* submarine to hunt down the Megalodon.**
A. Frank Heller. B. Alphonse DeMarco.
C. Richard Danielson. D. Cmdr. Bryce McGovern.
24. **The Japanese ship in the Oahu coastal waters put out a distress call because it was being attacked by the Megalodon. What attracted the Meg to the ship?**
A. The *Nautilus* accidentally chased the Meg toward the Japanese ship. B. The Meg detected dead whales which were illegally lashed to the outside of the ship.
C. The ship was blowing its horn which attracted the Megalodon. D. The ship was already sinking before the Megalodon showed up.
25. **The Megalodon attacked the *Nautilus* because:**
A. It was drawn to it by the sonar pings. B. It was hungry.
C. It knew Jonas was onboard. D. It thought the submarine was another shark.
26. **What happened to Frank Heller's younger brother, Dennis Heller, who was a crewman on the *Nautilus*.**
A. He sank with the *Nautilus*. B. He was killed by an explosion on the *Nautilus*.
C. He was killed by the Megalodon just as he reached the *Kiku*. D. He was picked up by another ship coming to the aid of the Japanese whaler.

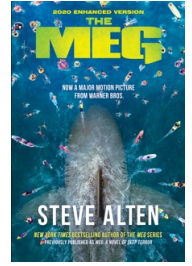
27. **Maggie and her crew left the *Kiku* because:**
- A. She had a fight with Terry, and Masao asked them to leave.
 - B. With no sighting of the Meg in four weeks her station terminated the project.
 - C. Jonas kicked them off.
 - D. Her station gave them information that the Megalodon had been sighted in Australia.
28. **Maggie convinced her station manager to send her and a crew to The Red Triangle area near the Farallon Islands off the coast of northern California. How did she convince him?**
- A. She wanted to vacation in that area for a few days with Bud Harris.
 - B. She had found Jonas's research that the area was a prehistoric Megalodon nursery, and figured that's where the female would go.
 - C. She was monitoring Jonas's activities and thought he was headed in that direction.
 - D. David Adashek reported to her that the Meg had been sighted there.
29. **After three days near the Farallon Islands, what was causing the tremendous odor hanging around the *Magnate* being used by Maggie and her crew?**
- A. They were towing a dead whale as bait.
 - B. No one had showered in days.
 - C. There were dead seals from the islands
 - D. The yacht's waste system was backed up, floating by the yacht.
30. **While in the helicopter, Jonas contacted Bud Harris on the *Magnate*. What did Bud tell Jonas?**
- A. He wanted to apologize to Jonas.
 - B. He needed Jonas's help to rescue Maggie.
 - C. He wanted to warn them about the Megalodon.
 - D. He was telling Jonas to stay away from his yacht.
31. **What stopped the Megalodon from attacking Bud Harris after it killed Maggie?**
- A. Mac directed a bright light into its eye.
 - B. Someone dropped a camera onto its nose.
 - C. Jonas lured it away with the Zodiac.
 - D. Bud managed to get back onto the yacht.
32. **Jonas packed a good luck charm as he prepared to return to Monterey. What was it?**
- A. His wedding ring.
 - B. A fossilized Megalodon tooth.
 - C. A medal he received while in the Navy.
 - D. A rabbit's foot.
33. **Jonas told Mac a story about Butch O'Hare. Who was he?**
- A. A World War II fighter pilot.
 - B. The namesake of Chicago's main airport.
 - C. The son of mobster, Easy Eddie.
 - D. All of the above.
34. **Frank Heller and Richard Danielson were on the *Magnate* preparing what?**
- A. An explosive to kill the Megalodon.
 - B. A submarine so they could view the Meg.
 - C. A cable to take the Meg from the *Kiku*.
 - D. Something to jam the Tanaka Lagoon gates.
35. **Who came onto the *Magnate* after the underwater explosion?**
- A. Jonas Taylor
 - B. James Mackreides.
 - C. Masao Tanaka.
 - D. Alphonse DeMarco.

36. **After Masao suffered a head injury in a fall on the *Kiku*, how did he get off the ship?**
 A. A Coast Guard boat came to get him. B. Mac borrowed a speedboat to take him.
 C. David Adashek convinced his news helicopter to land on the *Kiku*. D. An EVAC helicopter landed on the *Kiku*.
37. **The Boston Whaler that Jani Harper was piloting collided with a cabin cruiser, and the two vessels became stuck together. How did they become separated?**
 A. The Coast Guard attached a cable to the top ship and pulled it off.
 B. The impact of the Megalodon crashing into them pushed them apart.
 C. Heller and Danielson reached them in the Zodiac and helped them.
 D. The passengers from both boats worked together to separate them.
38. **After Jonas lured the Megalodon away from Terry and the other survivors of the overturned life raft, who rescued them?**
 A. The boat hired by Andre Dupont of the Cousteau Society. B. Mac and Bud Harris with the *Magnate*.
 C. The *Cap'n Jack* whale watching boat. D. Heller and Danielson with the Zodiac.
39. **With the battery of the Abyss Glider completely drained, Jonas saw the Megalodon headed right for him, gigantic mouth open wide. What did Jonas do?**
 A. He hit the escape pod release and shot right to the surface. B. He ignited the hydrogen fuel and headed right into the Meg's mouth.
 C. He used the hydrogen burn to get to the sunken *Kiku* where he hid. D. He turned off lights and all noise hoping the Meg wouldn't know he was there.
40. **After Bud Harris shot Mac in the thigh, what did he force Mac to do?**
 A. Jump off the *Magnate* into the water. B. Repair the *Magnate*'s engines.
 C. Take him to shore in the Zodiac. D. Fix the yacht's pumps to keep it from sinking.
41. **As Jonas headed to the surface after the Megalodon expelled the Abyss Glider, what distressing thing did he notice.**
 A. The Meg was chasing him. B. There was a huge fireball about to overtake him.
 C. The Meg's teeth caused deep grooves in the Lexan which were leaking water. D. Dozens of great white sharks were circling The Abyss Glider.
42. **When Jonas exited the escape pod, how did he get to the surface?**
 A. Terry swam down hauled him to the surface just as he was about to sink. B. Once his weight was out of the escape pod it was buoyant enough to float him up.
 C. A trawler lowered a cable to him. D. He swam to the top.
43. **What kind of storm was "Marian" that was headed straight for the area where the *Maxine D* was anchored?**
 A. A tornado. B. A category 2 typhoon.
 C. A monsoon. D. A category 3 hurricane.

44. The scientists on the *Maxine D* were collecting something from the bottom of the *Challenger Deep*. What was it?
- A. Exotic fish species.
 - B. Volcanic rock that contained gold.
 - C. Manganese nodules.
 - D. All of the above
45. The *Tallman* was privately owned by Agricola Industries. What kind of ship was it?
- A. Research and scientific vessel.
 - B. Submarine.
 - C. Cargo ship.
 - D. Oil tanker.
46. What was the Megalodon's most common food source when they dominated the oceans?
- A. Dinosaurs that ventured into the water.
 - B. Whales.
 - C. Smaller sharks.
 - D. Crustacean called "krill."
47. What was the nickname of the ROV the scientists used to make their collections from the bottom of the trench.
- A. Flying Squirrel.
 - B. Bullwinkle.
 - C. Little Sea Cliff.
 - D. Baby Max.
48. As Dr. Shaffer deployed the ROV, he jokingly used a quote from what movie?
- A. Jaws.
 - B. Titanic.
 - C. Home Alone.
 - D. Caddyshack.
49. Benedict Singer had a secret meeting with *Maxine D* crewman, Gustave Maren, when he paid him to get something for him from the ship. What was it?
- A. The schematic for the ROV.
 - B. A manganese nodule.
 - C. A pregnant female squid.
 - D. Log notes from the scientists.
50. What did Captain Danielson find in the wreck of the *Sea Cliff* that he secretly disposed of?
- A. Manganese nodules.
 - B. A white Megalodon tooth.
 - C. A photo Jonas took of what he saw.
 - D. Proof one of the scientists caused the disaster.

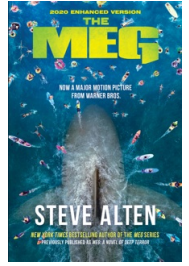
ACRONYMS

Following are some acronyms that appeared in the book. Please circle the letter for the correct designation of each acronym.



1. **DSV**
 - A. Debris Sensitive Viewer
 - B. Deep Submergence Vehicle
 - C. Demolition Submersible Vessel
 - D. Damage Sensing Vacuum
2. **JAMSTEC**
 - A. Japan and Micronesia Seismic Tension Experiment Certification
 - B. Jointly Authorized Mariana Sea Trench Earthquake Calculation
 - C. Japanese Atomic Munitions Special Tracking Elimination Control
 - D. Japan Marine Science & Technology Center
3. **MBES**
 - A. Multi-Beam Echo Sounder
 - B. Metal Booster Emitting Scope
 - C. Micro-Biologic Energy System
 - D. Marine Bathyscape Educational Simulator
4. **P.A.G.A.S.A.**
 - A. Pacific Gasoline Safety Association
 - B. Pan-Asian Geographic Abyssal Sensor Alliance
 - C. Philippine Atmospheric Geophysical and Astronomical Services Administration
 - D. Pan-American Global Aquatic Safety Assembly
5. **ROV**
 - A. Robotic Ocean Vessel
 - B. Radio Onboard Voltage
 - C. Retractable Obstacle Viewer
 - D. Remotely-Operated Vehicle
6. **UNIS**
 - A. Underwater Navigation Identifying Scale
 - B. Unmanned Nautical Informational System
 - C. Ultra-Nanobot In-depth Seismograph
 - D. Uncharted National Inactive Seaport

VESSELS



Following are the names of water vessels that played a part in this book. Please match each vessel to the correct description.

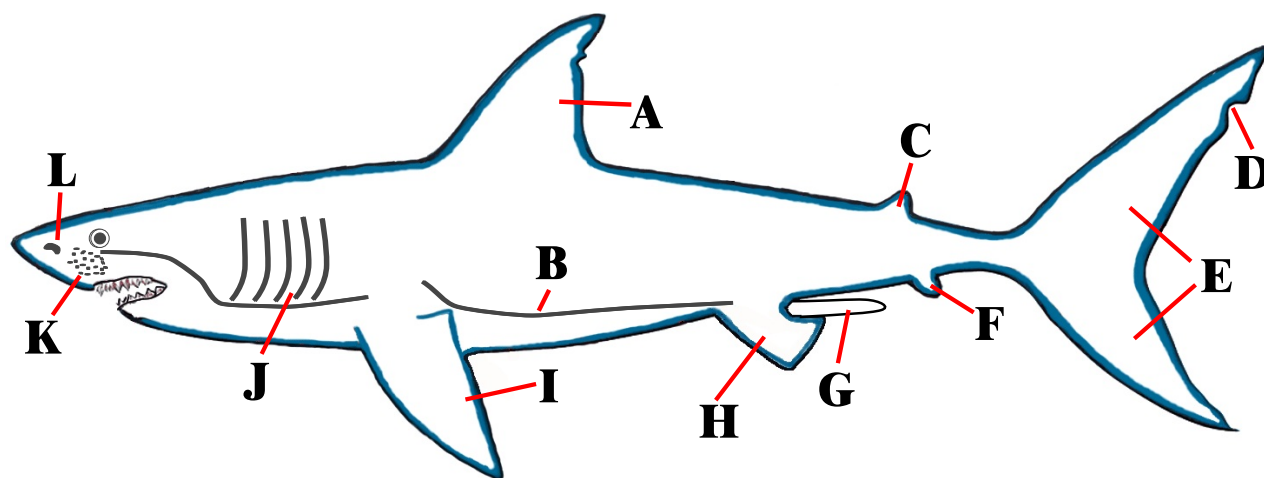
- | | |
|--|--------------------|
| _____ The submersible Jonas was using with the two scientists in the <i>Challenger Deep</i> when he initiated an emergency ascent. | A. Abyss Glider-II |
| _____ The luxury yacht owned by Bud Harris. | B. Cap'n Jack |
| _____ The submersible D.J. and Jonas used on their mission to retrieve the damaged UNIS drone. | C. HMS Challenger |
| _____ The scientific vessel from 1873 whose captain was George Nares. | D. Kiku |
| _____ The first United States Navy nuclear submarine. | E. Magnate |
| _____ The sight-seeing / whale watching boat from Monterey wharf. | F. Maxine D |
| _____ The research vessel owned by Agricola Industries. | G. Sea Cliff |
| _____ The navy support ship for Jonas's first dive into the Mariana Trench. | H. Tallman |
| _____ The research vessel owned by Masao Tanaka. | I. USS Nautilus |

MEG: A NOVEL OF DEEP TERROR MEGALODON SHARK ANATOMY

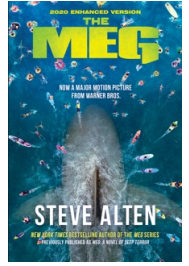


Please identify the parts of the Megalodon by inserting the correct letter in front of its corresponding description:

_____ Ampullae of Lorenzini	_____ Clasper (males only)	_____ Nostrils
_____ Anal Fin	_____ Dorsal Fin	_____ Pectoral Fin
_____ Caudal Fin	_____ Gill Slits	_____ Pelvic Fin
_____ Caudal Notch	_____ Lateral Line	_____ Second Dorsal Fin



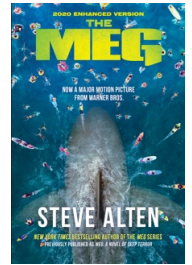
MEG SCIENCE/OCEANOGRAPHY



Matching:

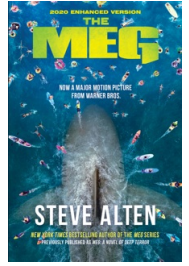
- | | |
|--|------------------------------|
| A. Great white Shark. | _____ Anglerfish |
| B. Riftia pachytila – an 8'-10' invertebrate. | _____ Archimède & Trieste |
| C. A sixty-foot-thick “ceiling” that insulates the frigid waters from the warm bottom of the Mariana Trench. | _____ Black Smoker |
| D. This rarely seen deep sea fish has large, bulbous eyes. | _____ Carcharodon Carcharias |
| E. This is what makes up a shark’s skin. | _____ Carcharodon Megalodon |
| F. Pinniped is the suborder of this carnivorous mammal. | _____ Challenger Deep |
| G. This is the generation of heat in a shark’s blood using its swimming muscles. | _____ Coelacanth |
| H. This is a prehistoric shark. | _____ Cuttlefish |
| I. Chimneys of hardened mineral deposits spewing dark clouds of superheated mineralized water. | _____ Dermal Denticles |
| J. Nickname of the expanse of ocean near the Farallon Islands. | _____ Gigantothermy |
| K. A lobe-finned fish once believed to be extinct. | _____ Hatchetfish |
| L. The bottom/lowest point of the Mariana Trench. | _____ Hydrothermal Vent |
| M. This crocodilian-like marine reptile lived during the Middle Cretaceous period. | _____ Kronosaurus |
| N. Another name for a killer whale. | _____ Northern Elephant Seal |
| O. This species of fish has a lighted rod fin that dangles over its mouth enticing prey. | _____ Orca |
| P. This animal requires three hearts to pump blood through its body. | _____ Red Triangle |
| Q. Bathyscaphes used to explore the Mariana Trench and <i>Challenger Deep</i> . | _____ Tube Worms |

MEG SETTINGS



1. Challenger Deep
2. Farallon Islands
3. Hadal Zone
4. Island of Guam
5. Mariana Trench
6. Monterey Bay Sanctuary/Monterey Bay National Marine Sanctuary
7. Monterey Submarine Canyon
8. North Shore, Maui, Hawaii
9. Pearl Harbor, Oahu, Hawaii
10. Philippine Sea
11. Saipan
12. San Diego / La Jolla, CA
13. Tanaka Oceanographic Institute
14. Turtle Bay, Bahia Tortugas, Baja California, Mexico

MEG PROJECTS



1. Create a detailed sketch of a scene in the book.
2. Write a biography for one of the main characters.
3. Write two journal entries from a character's point of view.
4. Give a two minute speech about the novel in front of the class.
5. Create a collage based on the novel.
6. Make a papier mâché a replica of:
 - a) A Megalodon
 - b) A Megalodon tooth
 - c) A mini-sub
7. Contact the author via email and interview him.
8. Create a book cover design or movie poster.
9. Do a book report on:
 - a) Megalodon sharks
 - b) Deep-sea submersibles
 - c) The Mariana Trench
 - d) Hydrothermal vents
10. Website assignments:
 - a) Download a free image
 - b) Write to the author
11. Internet assignments:
 - a) Find and download an illustration of several of the fish, mammals or other animals which were described throughout the book. Some of those mentioned were: Carcharodon megalodon, kronosaurus, cuttlefish, giant squid, hatchet fish, anglerfish, gray whale, blue whale, elephant seal, hadrosaurus, Tyrannosaurus rex, coelacanth, great white shark, viperfish, gulper eels, and dragonfish.



The MEG
(Previously published as Meg: A Novel of Deep Terror)
2020 Color Illustrated PDF Version
Including the Prequel “MEG: Origins” at the end of the book.
CURRICULUM ANSWER KEY

Dear Teachers:

The following pages contain the answers for the curriculum items that have answers. We have also included the page numbers where the answers may be found.

The materials are divided as follows:

1. Characters
2. Vocabulary
3. Chronological Events
4. True-False Questions
5. Multiple Choice Questions
6. Acronyms
7. Vessels
8. Megalodon Shark Anatomy
9. Science/Oceanography
10. Settings
11. Projects

CHARACTERS



Characters listed appear in either **The MEG** or **Meg: Origins**, or in **both**.

The page number listed under the characters' names is the first mention of the character.

Major Characters:

Professor Jonas Taylor

Pg. 5

Dr. Frank Heller

Pg. 37

James "Mac" Mackreides

Pg. 43

Paul Agricola

Pg. 248

Maggie Taylor

Pg. 7

Bud Harris

Pg. 12

Terry Tanaka

Pg. 10

Masao Tanaka

Pg. 10

Minor Characters:

Captain George Nares

Pg. 229

Richard Danielson

Pg. 37

Richard Prestis

Pg. 253

Mike Shaffer

Pg. 253

Gustave Maren

Pg. 283

David Adashek

Pg. 16

D.J. Tanaka

Pg. 20

Alphonse DeMarco

Pg. 32

Captain Leon Barre

Pg. 45

John Paul

Pg. 90

Commander McGovern

Pg. 94

André Dupont

Pg. 95

Dr. Tsukamoto

Pg. 95

Dr. Simidu

Pg. 95

Dennis Heller

Pg. 118

Wade, Dylan & Austin Maller

Pg. 119



MEG VOCABULARY

The page numbers correspond with the exclusive color PDF version of this book, and the words listed appear on the pages shown below, though they may also appear in other places throughout the book.

p. 1	lethal	p. 66	mesmerized	p. 123	quivering	p. 240	subterranean
p. 4	scavengers	p. 68	adrenaline	p. 127	maelstrom	p. 242	archipelago
p. 4	predatory	p. 69	gargantuan	p. 128	gnashing	p. 244	renowned
p. 7	decimated	p. 69	torso	p. 129	ambient	p. 247	excursions
p. 7	specimen	p. 70	spasms	p. 131	encumbering	p. 248	erratic
p. 8	encrustations	p. 72	hyperextended	p. 135	frenzy	p. 249	sophisticated
p. 9	conjecture	p. 73	jettisoning	p. 142	unique	p. 249	consensus
p. 9	smattering	p. 73	claustrophobia	p. 143	plethora	p. 250	temperate
p. 10	stint	p. 73	groped	p. 148	contortions	p. 250	ferocity
p. 14	aberrations	p. 76	bombarding	p. 156	cavernous	p. 253	monotonous
p. 17	feigned	p. 77	hypothermia	p. 158	unfathomable	p. 254	bulbous
p. 21	titanium	p. 77	furtively	p. 164	legacy	p. 256	unfurled
p. 23	cetacean	p. 78	paralleling	p. 179	sensory	p. 257	habitat
p. 23	obstinate	p. 82	devastated	p. 183	plummeting	p. 28	coalesced
p. 29	nauseating	p. 87	abandon	p. 184	evolution	p. 59	symbiotic
p. 30	emphasizing	p. 87	environment	p. 186	listing	p. 260	adaptation
p. 31	inhabitants	p. 87	originating	p. 187	vigil	p. 260	quarantined
p. 32	integrity	p. 87	tantalizing	p. 192	dirigible	p. 261	expended
p. 38	extinct	p. 88	infrastructures	p. 201	simultaneously	p. 262	undulating
p. 40	contraption	p. 89	perimeter	p. 207	dormant	p. 262	debris
p. 44	rampage	p. 90	seaworthy	p. 212	esophagus	p. 264	serrated
p. 50	denticles	p. 92	submerged	p. 212	regurgitated	p. 264	succulent
p. 52	tapestry	p. 93	precariouly	p. 215	discernible	p. 267	maneuvered
p. 55	bioluminescent	p. 97	genetic	p. 215	excretions	p. 278	huddled
p. 56	bizarre	p. 98	aggressive	p. 217	relinquished	p. 270	partakes
p. 59	hyperventilating	p. 98	migration	p. 219	silhouette	p. 274	agitated
p. 61	massive	p. 99	culmination	p. 221	flammable	p. 276	equilibrium
p. 61	vertigo	p. 100	tranquilize	p. 229	incessant	p. 277	influx
p. 62	spewing	p. 104	elaborate	p. 237	mentor	p. 279	obscured
p. 62	theorized	p. 105	vindicated	p. 238	trepidation	p. 281	submersible
p. 62	desolate	p. 110	fluke	p. 238	buoyant	p. 283	beckoned
p. 64	albino	p. 113	rendezvous	p. 239	attributes	p. 285	credibility
p. 65	hallucinated	p. 118	scapegoat	p. 239	acuity	p. 287	evaluation
p. 66	periphery	p. 121	lacerations				



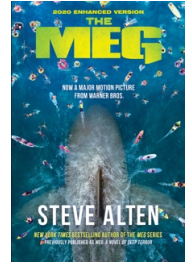
CHRONOLOGICAL EVENTS

The following items are in the order in which they occurred in the book. Please fill in the answer(s) to each item.

1. Professor Jonas Taylor lectured at The Scripps Institute about: **[Pgs. 5-11] Megalodon / His theory that Megalodons could still exist.**
2. Maggie Taylor earned the Golden Eagle for her work about: **[Pg. 17] Whales.**
3. UNIS drones had been deployed along a 125 mile stretch of the Mariana Trench to: **[Pg. 20] Detect seismic disturbances / help detect earthquakes.**
4. The small cockpit of the Beechcraft airplane bothered Jonas because he suffers from: **[Pg. 28] Claustrophobia.**
5. What reporter did Maggie Taylor hire to follow Jonas and leak information to make him look bad. **[Pg. 30] David Adashek.**
6. Masao explained to Jonas that the Lagoon was his dream because of his life-long love of: **[Pg. 36] Whales.**
7. After Jonas explained to Masao what happened during his dive seven years before, Masao suggested to Jonas that what he really might have seen was: **[Pg. 38] Giant patches of white tube worms.**
8. The name of Masao's ship is the: **[Pg. 42] Kiku.**
9. Jonas was surprised to discover that the *Kiku*'s mechanic was his old friend: **[Pg. 43] James "Mac" Mackreides.**
10. Jonas was dismayed to find out that Masao's physician onboard the *Kiku* was: **[Pgs. 45-46] Frank Heller.**
11. Jonas was humiliated when Frank Heller entered the galley and declared: **[Pg. 51] Jonas was unfit and that Terry would be making the dive.**
12. Shortly into the dive, Jonas panicked and his readings and vital signs went into the red zone because: **[Pg. 59] Terry was blasting a Guns N' Roses song into Jonas's headset.**
13. Jonas found the white triangular object he had seen in the video at Masao's lagoon. He was embarrassed to realize it was: **[Pg. 64] The arm of a dead albino starfish.**
14. The male Meg was trapped by: **[Pgs. 70-71] The cable from the Kiku to D.J.'s Abyss Glider.** and killed by: **[Pg. 72] The female Megalodon.**
15. After D. J.'s catastrophe, Jonas made it to the top in: **[Pg. 73] The escape pod.**
16. Maggie rushed to Guam to: **[Pg. 81] Do a news story on the Megalodon.**
17. Jonas told Terry the female shark could have come to the surface because: **[Pg. 82] He saw it rising in the wounded male's bloodstream.**
18. In Saipan, Jonas and Mac inspected the carcass of a humpback whale. What did Jonas find there and what happened next? **[Pg. 92] Found a white Megalodon tooth; then the Megalodon surfaced to feed on the whale.**

-
19. Who agreed to underwrite the funding for the completion of Masao's lagoon and the hunt to capture the Megalodon? **[Pg. 100] JAMSTEC.**
-
20. Mac's role in capturing the Megalodon was: **[Pg. 103] To track it with his helicopter.**
-
21. Mac explained to Jonas the features of the Abyss Glider-I that made it different from the Abyss Glider-II that he used on his dive with D.J. Name three of these different features.
[Pg. 115] The AG-I was smaller and sleeker; faster; lighter; couldn't go deeper than 2,000 meters; could leap ten feet into the air; had a hydrogen booster.
-
22. The first U.S. Navy nuclear-powered submarine was the: **[Pg. 116] U.S.S. Nautilus.**
-
23. The surfer Rick Bohler thought he was underwater, but he was really:
[Pg. 121] Inside the Megalodon's mouth.
-
24. Dylan Maller was surfing a big wave to reach shore as the Megalodon bore down on him, and he was saved by: **[Pg. 124] His brothers, Wade and Austin, on the jet-ski.**
-
25. The Japanese vessel that put out a distress call had an illegal catch of eighteen:
[Pg. 127] Gray whales.
-
26. Frank Heller stretched out his hand but could not save: **[Pg. 136] His brother, Dennis Heller.**
-
27. Maggie Taylor took her expedition to what area near the Farallon Islands?
[Pg. 145] The Red Triangle.
-
28. The stench surrounding the *Magnate* came from: **[Pgs. 145-146] The excrement of nearby sea elephants and seals and/or a dead whale carcass being hauled by the ship as bait.**
-
29. The female Megalodon gave birth to 1 male pup(s), and 2 female pup(s). **[Pgs. 148-149]**
-
30. A male Megalodon pup died when: **[149] Its mother ate it.**
-
31. Maggie Taylor's experience with the Megalodon ended with: **[Pg. 162] Her death as she was attacked by the Megalodon.**
-
32. Bud Harris was saved from being eaten by the Megalodon when: **[Pg. 163] Mac shined a searchlight from his helicopter into its eye, blinding the Megalodon.**
-
33. Andre Dupont of the Cousteau Society said they were seeking to have *Carcharodon megalodon* placed: **[Pgs. 164-165] On the endangered species list.**
-
34. Jonas learned by watching a news report that David Adashek was a reporter for the same network as: **[Pg. 165] His wife, Maggie Taylor.**
-
35. Another Megalodon pup died when: **[Pg. 177] It was killed by Orcas.**
-
36. The *Cap'n Jack's* propeller was bent by: **[Pg. 179] The fluke of the Gray whale.**
-
37. The large dosage of pentobarbital and ketamine was used to shut down the Meg's:
[Pg. 183] Central nervous system.
-
38. Terry used the retractable arm of the AG-1 mini-sub to: **[Pg. 185] Position the cargo net under the Megalodon.**
-

-
39. Frank Heller and Dick Danielson were on Bud Harris's ship, the *Magnate*, in order to:
[Pg. 187] Build a depth charge to kill the Megalodon.
-
40. When Mac said, "Hope you're in the mood for a Mac Attack!," he was heading for:
[Pgs. 193-194] The *Magnate*.
-
41. During the chaos after the depth charge detonated, Masao Tanaka suffered:
[Pg. 195] A head injury when he fell head-first down the steel steps of the stairwell.
-
42. How did the Megalodon get free of the cargo net? **[Pg. 199] The Megalodon's dermal denticles sawed through the cargo net ropes.**
-
43. Terry was launched into the water when the Megalodon came up under their lifeboat. How did Jonas save Terry? **[Pg. 210] He launched the AG-I out of the water to land on the Megalodon's snout and enticed it to chase him away from Terry.**
-
44. With the AG-I's batteries depleted, Jonas used the hydrogen rocket to: **[Pg. 211] Launch his sub into the Megalodon's mouth.**
-
45. Bud Harris shot Mac in the leg, then forced Mac to: **[215] Jump into the water.**
-
46. How did Jonas keep from slipping into the Megalodon's intestines? **[Pg. 216] He used the fossilized Megalodon tooth to get a grip in the animal's stomach lining.**
-
47. Jonas was rising to the surface in the escape pod. Why did it slow down? **[Pgs. 221-222] It was taking on water due to the cracks caused by the Megalodon's teeth.**
-
48. As Jonas was on the way to the recompression chamber, he saw the shark being towed in the trawl net. What did Jonas realize about the shark? **[Pg. 225] He saw that it was albino and had gray-blue eyes, and realized it was a Megalodon pup.**
-
49. Captain George Nares was in command of the ship: **[Pg. 229] H.M.S. Challenger.**
-
50. The *Challenger Deep* was the deepest section of: **[Pg. 236] The Mariana Trench.**
-
51. Early exploration of the *Challenger Deep* was done in 1960. What kind of vehicles were used? **[Pg. 238] Bathyscaphes.**
-
52. Who are the seafaring people who are indigenous to Guam? **[Pg. 243] The Chamorro.**
-
53. The *Tallman* was performing a scientific expedition in the: **[Pg. 249] Philippine Sea.**
-
54. Jonas told Dr. Shaffer that the size of fossilized Megalodon teeth that had been found was:
[Pg. 256] Six to seven inches.
-
55. The Megalodon's _____ **[Pg. 259] Lower** _____ teeth were used for gripping prey; the _____ **[Pg. 259-260] Upper** _____ teeth were designed to puncture bone, sinew and blubber.
-
56. By attacking the cuttlefish, the *Kronosaurus* had indirectly challenged:
[Pg. 262] The female Megalodon.
-
57. The female Megalodon was being lured up into the cold waters by the pings from *Sea Bat-I* initiated by the crew of: **[Pg. 274] The Tallman.**
-
58. Jonas managed to survive the emergency ascent because he found:
[Pg. 282] A pony bottle of oxygen.
-



TRUE-FALSE QUESTIONS

- [] True [X] False 1. The scenario Jonas presented between the T. rex and Megalodon could have happened exactly as he described it. [Pg. 5] **The Megalodon did not exist until 35 million years after T. rex died off.**
- [X] True [] False 2. When sharks die, there is no skeleton because their skeleton is made of cartilage, not bone. [Pg. 6]
- [] True [X] False 3. Fossilized Megalodon teeth are pure white. [Pg. 7] **They are gray.**
- [X] True [] False 4. Jonas had deep sea submersible training at Woods Hole Oceanographic Institute. [Pg. 13]
- [] True [X] False 5. Maggie won an Emmy award at the San Diego Media Awards. [Pg. 17] **It was a Golden Eagle Award.**
- [] True [X] False 6. When Jonas left the awards, he took a taxi home. [Pg. 18] **Terry drove him home.**
- [] True [X] False 7. The UNIS drones were being deployed into the *Challenger Deep* to enhance long distance telephone cables. [Pg. 20] **It was an earthquake early warning system.**
- [X] True [] False 8. The Mariana Trench is the deepest known depression on earth at 35,827 feet below sea level. [Pg. 24]
- [] True [X] False 9. The Tanaka Lagoon was originally designed to hold giant squid and Megalodons. [Pg. 31] **It was meant for whales; specifically a safe habitat for female whales to give birth.**
- [X] True [] False 10. Masao needs Jonas to help determine what happened to the UNIS drones so JAMSTEC will reinstate their funding to complete his lagoon. [Pg. 36]
- [X] True [] False 11. Masao convinced Jonas to make the dive into the *Challenger Deep* both as a favor to Masao, and to help Jonas face his fears. [Pgs. 38-39]
- [X] True [] False 12. LEXAN can be used like bullet-proof glass. [Pg. 43]
- [X] True [] False 13. Using its ampullae of Lorenzini, a Megalodon could detect the heartbeat of its prey from miles away. [Pg. 49]

- ☒ True ☐ False 14. Frank Heller declared Jonas wasn't fit to make the dive with D.J., but Masao overrode Heller's decision. **[Pgs. 51-52]**
- ☐ True ☒ False 15. D.J. attempted to get away from the male Megalodon by hiding behind a black smoker. **[Pg. 68] He ascended quickly attempting to get into much colder water where the Megalodon wouldn't go.**
- ☒ True ☐ False 16. When the crew of the *Kiku* couldn't reach either D.J. or Jonas, they decided to tow D.J.'s sub to the surface since the cable from his sub was still attached to the surface ship. **[Pg. 70]**
- ☒ True ☐ False 17. Jonas was shocked to see a larger female Megalodon chasing after the entangled male Megalodon. **[Pg. 72]**
- ☐ True ☒ False 18. David Adashek told Maggie that Jonas was recovering in a hospital on the Hawaiian island, Oahu. **[Pg. 80] It was Guam.**
- ☐ True ☒ False 19. Jonas woke up in the hospital after having a nightmare that he was confronting Maggie and Bud Harris. **[Pg. 84] His nightmare was about being back in the Mariana Trench in the Abyss Glider.**
- ☒ True ☐ False 20. In Saipan, Jonas found a six-inch white Megalodon tooth in the carcass of a dead Humpback whale. **[Pg. 92]**
- ☐ True ☒ False 21. At the briefing on Guam, Jonas told the group the second Megalodon he saw was over 100 feet long. **[Pg. 97] He said it was 60 feet long.**
- ☐ True ☒ False 22. Jonas said the Megalodon wouldn't surface during the day because the prey she preferred would only be around at night. **[Pg. 97] It was because its eyes were too sensitive to light.**
- ☒ True ☐ False 23. While searching for the Megalodon by helicopter, Terry switched the tracker dart with a 20 mm explosive shell. **[Pgs. 107-108]**
- ☐ True ☒ False 24. The Billabong Big Wave Contest took place in Malibu, California. **[Pg. 118] It was held at North Shore, Maui, Hawaii.**
- ☐ True ☒ False 25. Gangbanger Rick Bohler managed to surf to shore ahead of all the others. **[Pgs. 121-122] He surfed into the Megalodon's mouth.**
- ☒ True ☐ False 26. The Megalodon was attracted to the Japanese ship because it was carrying an illegal load of dead gray whales. **[Pg. 127]**

- [] True [X] False 27. The *Nautilus* crew fired a torpedo at the Megalodon. [Pgs. 133-134] **The Megalodon attacked and crippled the *Nautilus* before they could fire the torpedo.**
- [X] True [] False 28. Frank Heller was horrified when he couldn't save his brother, Dennis, from the Megalodon. [Pg. 136]
- [X] True [] False 29. Maggie and her crew left the *Kiku* because there were no sightings of the Megalodon in four weeks, and her network lost interest. [Pg. 137]
- [] True [X] False 30. The female Megalodon broke off her attack on the blue whale calf because the bull of the herd chased her off. [Pg. 148] **It was because the Megalodon went into labor.**
- [] True [X] False 31. The Megalodon gave birth to six pups, but only three survived. [Pgs. 148-149] **She had only three pups.**
- [X] True [] False 32. Maggie went into the water with great white sharks to test her specially-built shark tube. [Pg. 150]
- [] True [X] False 33. The Megalodon couldn't get a grip on the round Lexan shark tube Maggie had specially made. [Pg. 156] **Tips of its teeth got a grip on the drainage holes of the tube.**
- [X] True [] False 34. A news story reported that the Megalodon had been listed as a protected species. [Pg. 164]
- [X] True [] False 35. As Bud Harris left the hospital, Frank Heller and Richard Danielson came to pick him up. [Pg. 170]
- [] True [X] False 36. Jonas admitted to Mac that he was having nightmares that Terry was going to be eaten by the Megalodon. [Pg. 171] **His nightmare was that Jonas was going to be eaten by the Megalodon.**
- [] True [X] False 37. Jonas realized the Megalodon was now surfacing during the day because it was no longer afraid of the surface boats. [Pg. 179] **It was because it was blind in both eyes and the daylight was no longer a problem.**
- [X] True [] False 38. Terry saw the Megalodon wasn't breathing, so she rammed the Abyss Glider into its jaw, forcing it to open so water could flow through and out of its gills. [Pg. 184]
- [X] True [] False 39. Once Terry had positioned the cargo net around the captured Megalodon, she noticed the shark had given birth. [Pg. 185]

- ☒ True ☐ False 40. The depth charge accidentally fell off the *Magnate* as the yacht veered sharply after Mac's helicopter attack. **[Pg. 194]**
- ☐ True ☒ False 41. Alphonse DeMarco used the harpoon gun to give the Megalodon a second dose of barbiturates when it managed to get free of the net. **[Pg. 200] He couldn't get the shot off because a speed boat got in his way.**
- ☐ True ☒ False 42. Danielson and Heller convinced Bud Harris to leave the *Magnate* with them in the Zodiac. **[Pg. 203] They took the Zodiac and left Bud Harris behind.**
- ☒ True ☐ False 43. Jonas managed to reconnect the battery wire restoring power to his Abyss Glider. **[Pg. 205]**
- ☒ True ☐ False 44. As the *Kiku* started to sink, all the crew members got into two lifeboats. **[Pg. 207]**
- ☐ True ☒ False 45. The *Magnate* was the vessel that rescued the surviving crew from the *Kiku*. **[Pg. 210] It was the trawler hired by Andre Dupont of the Cousteau Society.**
- ☐ True ☒ False 46. Using a gun, Bud Harris forced Mac to repair the *Magnate's* engines. **[Pg. 215] He forced Mac to jump into the water after shooting him in the thigh.**
- ☐ True ☒ False 47. Mac was rescued by the trawler hired by the Cousteau Society. **[Pg. 219] It was a Coast Guard helicopter.**
- ☒ True ☐ False 48. Jonas used the last few seconds of hydrogen boost trying to shoot himself back out of the Megalodon's mouth. **[Pg. 217 & Pg. 220]**
- ☒ True ☐ False 49. Terry was able to save Jonas, but his rapid ascent caused him to have the bends (nitrogen bubbles in his bloodstream), so they were rushing him to a recompression chamber. **[Pg. 224]**
- ☒ True ☐ False 50. Captain Richard Danielson told Jonas Taylor he would be subject to a court martial if he didn't pilot the *Sea Cliff* on a fourth dive. **[Pg. 241]**
- ☐ True ☒ False 51. The region of Micronesia is located in the North Atlantic Ocean. **[Pg. 242] It is in the Pacific Ocean**
- ☒ True ☐ False 52. James "Mac" Mackreides was a helicopter pilot while stationed on Guam. **[Pgs. 245-246]**

- ☒ True ☐ False 53. Paul Agricola told the *Tallman* crew that he believed the large animal they had been tracking was a *Carcharodon megalodon*. [Pg. 250]
- ☒ True ☐ False 54. Cuttlefish travel in schools so they appear to be one large creature to scare off potential enemies. [Pg. 262]
- ☐ True ☒ False 55. The juvenile female Megalodon had been tracking a school of barracuda through the trench. [Pg. 262] **It was a school of cuttlefish.**
- ☒ True ☐ False 56. When Jonas saw something really large on his sonar, he ordered the ROV to be shut down because he said the predator could detect its electrical discharges. [Pg. 269]
- ☒ True ☐ False 57. Jonas was so exhausted from his previous three dives that he kept drifting into catnaps during his fourth dive. [Pg. 278]
- ☐ True ☒ False 58. Paul Agricola told his crew to quickly head south because the Megalodon was coming to the surface. [Pg. 281] **It was to flee the storm and because they noticed the Navy submersible on their sonar near where they had been tracking the Megalodon and they didn't want to be caught still in the area.**



MULTIPLE CHOICE QUESTIONS

Please circle the letter for the correct answer for each of the questions below.

1. **What did Jonas say the water pressure was at the bottom of the Mariana Trench? [Pg. 10]**
A. A million lbs. per square inch. B. 25,000 lbs. per square inch.
C. **16,000 lbs. per square inch.** D. 6,000 lbs. per square inch.
2. **Bud Harris had been Jonas's roommate where? [Pg. 12]**
A. Woods Hole Oceanographic Institute. B. Scripps Institute.
C. Boston University. **D. Penn State University.**
3. **How did Jonas get home from the Media awards? [Pg. 18]**
A. He hailed a taxicab. B. He took Bud's limo.
C. Terry Tanaka drove him. D. He took the bus.
4. **Who came to visit Maggie in her hotel room the morning after the awards ceremony? [Pg. 30]**
A. Bud Harris. B. Terry Tanaka.
C. David Adashek. D. Jonas Taylor.
5. **What did Chief Engineer Al DeMarco say he thought caused the damage to the UNIS drones which had been deployed in the *Challenger Deep*. [Pg. 32]**
A. A strong underwater current. B. Not placed properly when deployed.
C. A manufacturing defect. **D. Seismic event.**
6. **Jonas decided to return to the Mariana Trench because: [Pgs. 35 & 38-39]**
A. He wanted to prove to Terry he's strong. B. He wanted to kill a Megalodon.
C. He wanted to collect a white tooth he saw on video to prove Megs still exist. D. He wanted to help Masao capture a live Megalodon.
7. **As Jonas was about to land on the *Kiku*, he saw a man doing a water sport next to the ship. What was the water sport? [Pg. 42]**
A. Kite boarding. B. Water skiing.
C. Surfing. D. Parasailing.
8. **When D.J. insisted on knowing more about Megalodons, Jonas told him: [Pg. 49]**
A. They existed for 400 million years. B. It was the apex predator of all time.
C. It could track prey from miles away. **D. All of the above.**
9. **Mac gave Jonas a neoprene bio-suit to wear during the dive. What did Mac say it would do? [Pg. 52]**
A. Keep him warmer. B. Provide extra oxygen if needed.
C. Monitor Jonas's vital signs. D. Allow him to contact Mac directly without anyone else hearing him.

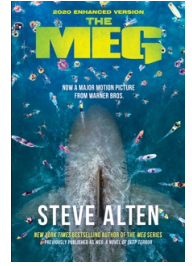
10. While Jonas was using his sub's mechanical arm to clear debris around the damage UNIS drone, what was D.J. doing? [Pg. 65]
- A. Looking for other UNIS drones. B. Fending off schools of cuttlefish.
C. Untangling the cable from his sub's mechanical arm. D. All of the above.
11. Jonas told D.J. that the large biologic he saw on sonar was homing in on them. What did Jonas say was attracting it? [Pg. 66]
- A. The lights from their subs. B. The motion of nearby fish.
C. Vibrations from their subs. D. It could smell the discharge from the sub.
12. What caused Jonas's sub to go flying across the floor crashing into a black smoker? [Pg. 67]
- A. He accidentally put it in reverse. B. D.J.'s sub collided with Jonas's sub.
 C. An underwater whirlpool developed and his sub got caught up in it. **D. A concussion wave from the Megalodon's swishing caudal fin.**
13. Why did the male Megalodon keep rising up into the frigid waters? [Pg. 72]
- A. It was caught in the cable connected to D.J.'s sub.** B. It was being chased by a Kronosaurus.
 C. It was trying to get away from the female Megalodon. D. It was seeking comfort after being scorched by getting too close to a black smoker.
14. The female Megalodon escaped the Mariana Trench by: [Pg. 72]
- A. Chasing Jonas's sub to the surface. B. Being hooked and hauled to the surface by the *Kiku*.
C. Staying within the dead male's blood flow as it was towed up. D. Chasing a school of squid that was heading for the surface.
15. At the press conference on Guam, what did Frank Heller say was the reason he was convinced no other Megalodons came to the surface? [Pg. 77]
- A. He was sure only one could have have possibly existed in the first place. **B. It couldn't have made it through six miles of near-freezing temperatures.**
 C. He didn't see any other Megalodons. D. They saw a second Megalodon, but destroyed it right away.
16. Jonas had Mac fly him to Saipan because: [Pg. 85]
- A. He saw a news report on whales and dolphins beaching themselves there.** B. He wanted to get away from all the reporters.
 C. He heard Maggie was coming and he didn't want to see her. D. He thought there was a better hospital on Saipan.
17. How did Jonas and Mac get away from the Megalodon in Saipan? [Pg. 93]
- A. They outran it using John Paul's boat. B. They hid under a pier.
 C. They hit it on the snout with their oars. **D. They jumped onto a buoy.**

18. During Commander McGovern's briefing on Guam, what surprising detail did Jonas disclose about the female Megalodon? [Pg. 97]
 A. It was much smaller than the male. B. It was darker in color than the albino male.
C. It was pregnant. D. It was not the reason the male had died.
19. Maggie and her crew were allowed on the *Kiku* while they were trying to capture the Megalodon because: [Pg. 102]
 A. She wanted to reconcile with Jonas. **B. Her network was sponsoring the expedition.**
 C. She bribed a JAMSTEC official. D. Terry agreed to it to get back at Jonas.
20. Jonas's plan to capture the Megalodon was to: [Pg. 104]
 A. Lure it into the Tanaka lagoon with a dead whale. B. Attract it by using sonar pings.
 C. Capture it on a big hook. **D. Drug it, then haul it into the Tanaka lagoon inside a net equipped with inflatable buoys.**
21. When Jonas and Mac spotted the Megalodon from the helicopter, she was stalking: [Pg. 109]
 A. A school of squid. B. A pod of dolphins.
C. A Humpback whale calf. D. All of the above.
22. When the Megalodon launched itself at Mac's helicopter, what did Terry do? [Pgs. 107-108 & Pg 112]
A. She shot a 20 mm shell at the Meg but missed. B. She threw Maggie's camera out the window.
 C. She hit it with a tracking dart. D. She dropped the rifle trying to save Jonas.
23. Whose idea was it to use the *Nautilus* submarine to hunt down the Megalodon. [Pg. 117]
 A. Frank Heller. B. Alphonse DeMarco.
C. Richard Danielson. D. Cmdr. Bryce McGovern.
24. The Japanese ship in the Oahu coastal waters put out a distress call because it was being attacked by the Megalodon. What attracted the Meg to the ship? [Pgs. 128-129]
 A. The *Nautilus* accidentally chased the Meg toward the Japanese ship. **B. The Meg detected dead whales which were illegally lashed to the outside of the ship.**
 C. The ship was blowing its horn which attracted the Megalodon. D. The ship was already sinking before the Megalodon showed up.
25. The Megalodon attacked the *Nautilus* because: [Pgs. 129-130]
A. It was drawn to it by the sonar pings. B. It was hungry.
 C. It knew Jonas was onboard. D. It thought the submarine was another shark.

26. What happened to Frank Heller's younger brother, Dennis Heller, who was a crewman on the *Nautilus*. [Pg. 136]
- A. He sank with the *Nautilus*. B. He was killed by an explosion on the *Nautilus*.
C. He was killed by the Megalodon just as he reached the *Kiku*. D. He was picked up by another ship coming to the aid of the Japanese whaler.
27. Maggie and her crew left the *Kiku* because: [Pg. 137]
- A. She had a fight with Terry, and Masao asked them to leave. **B. With no sighting of the Meg in four weeks her station terminated the project.**
 C. Jonas kicked them off. D. Her station gave them information that the Megalodon had been sighted in Australia.
28. Maggie convinced her station manager to send her and a crew to The Red Triangle area near the Farallon Islands off the coast of northern California. How did she convince him? [Pgs. 141 & 146]
- A. She wanted to vacation in that area for a few days with Bud Harris.
B. She had found Jonas's research that the area was a prehistoric Megalodon nursery, and figured that's where the female would go.
 C. She was monitoring Jonas's activities and thought he was headed in that direction.
 D. David Adashek reported to her that the Meg had been sighted there.
29. After three days near the Farallon Islands, what was causing the tremendous odor hanging around the *Magnate* being used by Maggie and her crew? [Pg. 146]
- A. They were towing a dead whale as bait.** B. No one had showered in days.
 C. There were dead seals from the islands floating by the yacht. D. The yacht's waste system was backed up.
30. While in the helicopter, Jonas contacted Bud Harris on the *Magnate*. What did Bud tell Jonas? [Pg. 159]
- A. He wanted to apologize to Jonas. **B. He needed Jonas's help to rescue Maggie.**
 C. He wanted to warn them about the Megalodon. D. He was telling Jonas to stay away from his yacht.
31. What stopped the Megalodon from attacking Bud Harris after it killed Maggie? [Pg. 163]
- A. Mac directed a bright light into its eye.** B. Someone dropped a camera onto its nose.
 C. Jonas lured it away with the Zodiac. D. Bud managed to get back onto the yacht.
32. Jonas packed a good luck charm as he prepared to return to Monterey. What was it? [Pg. 169]
- A. His wedding ring. **B. A fossilized Megalodon tooth.**
 C. A medal he received while in the Navy. D. A rabbit's foot.
33. Jonas told Mac a story about Butch O'Hare. Who was he? [Pgs. 171-173]
- A. A World War II fighter pilot. B. The namesake of Chicago's main airport.
 C. The son of mobster, Easy Eddie. **D. All of the above.**

34. Frank Heller and Richard Danielson were on the *Magnate* preparing what? [Pg. 187]
A. An explosive to kill the Megalodon. B. A submarine so they could view the Meg.
 C. A cable to take the Meg from the *Kiku*. D. Something to jam the Tanaka Lagoon gates.
35. Who came onto the *Magnate* after the underwater explosion? [Pg. 197]
 A. Jonas Taylor **B. James Mackreides.**
 C. Masao Tanaka. D. Alphonse DeMarco.
36. After Masao suffered a head injury in a fall on the *Kiku*, how did he get off the ship? [Pg. 202]
 A. A Coast Guard boat came to get him. B. Mac borrowed a speedboat to take him.
C. David Adashek convinced his news helicopter to land on the *Kiku*. D. An EVAC helicopter landed on the *Kiku*.
37. The Boston Whaler that Jani Harper was piloting collided with a cabin cruiser, and the two vessels became stuck together. How did they become separated? [Pg. 205]
 A. The Coast Guard attached a cable to the top ship and pulled it off.
B. The impact of the Megalodon crashing into them pushed them apart.
 C. Heller and Danielson reached them in the Zodiac and helped them.
 D. The passengers from both boats worked together to separate them.
38. After Jonas lured the Megalodon away from Terry and the other survivors of the overturned life raft, who rescued them? [Pg. 210]
A. The boat hired by Andre Dupont of the Cousteau Society. B. Mac and Bud Harris with the *Magnate*.
 C. The *Cap'n Jack* whale watching boat. D. Heller and Danielson with the Zodiac.
39. With the battery of the Abyss Glider completely drained, Jonas saw the Megalodon headed right for him, gigantic mouth open wide. What did Jonas do? [Pg. 211]
 A. He hit the escape pod release and shot right to the surface. **B. He ignited the hydrogen fuel and headed right into the Meg's mouth.**
 C. He used the hydrogen burn to get to the sunken *Kiku* where he hid. D. He turned off lights and all noise hoping the Meg wouldn't know he was there.
40. After Bud Harris shot Mac in the thigh, what did he force Mac to do? [Pg. 215]
A. Jump off the *Magnate* into the water. B. Repair the *Magnate's* engines.
 C. Take him to shore in the Zodiac. D. Fix the yacht's pumps to keep it from sinking.
41. As Jonas headed to the surface after the Megalodon expelled the Abyss Glider, what distressing thing did he notice. [Pg. 221]
 A. The Meg was chasing him. B. There was a huge fireball about to overtake him.
C. The Meg's teeth caused deep grooves in the Lexan which were leaking water. D. Dozens of great white sharks were circling The Abyss Glider.

42. When Jonas exited the escape pod, how did he get to the surface? [Pg. 224]
A. Terry swam down hauled him to the surface just as he was about to sink.
B. Once his weight was out of the escape pod it was buoyant enough to float him up.
C. A trawler lowered a cable to him.
D. He swam to the top.
43. What kind of storm was “Marian” that was headed straight for the area where the *Maxine D* was anchored? [Pg. 235]
A. A tornado.
B. A category 2 typhoon.
C. A monsoon.
D. A category 3 hurricane.
44. The scientists on the *Maxine D* were collecting something from the bottom of the *Challenger Deep*. What was it? [Pg. 239]
A. Exotic fish species.
B. Volcanic rock that contained gold.
C. Manganese nodules.
D. All of the above.
45. The *Tallman* was privately owned by Agricola Industries. What kind of ship was it? [Pg. 249]
A. Research and scientific vessel.
B. Submarine.
C. Cargo ship.
D. Oil tanker.
46. What was the Megalodon’s most common food source when they dominated the oceans? [Pg. 260]
A. Dinosaurs that ventured into the water.
B. Whales.
C. Smaller sharks.
D. Crustacean called “krill.”
47. What was the nickname of the ROV the scientists used to make their collections from the bottom of the trench. [Pg. 266]
A. Flying Squirrel.
B. Bullwinkle.
C. Little Sea Cliff.
D. Baby Max.
48. As Dr. Shaffer deployed the ROV, he jokingly used a quote from what movie? [Pgs. 267-268]
A. Jaws.
B. Titanic.
C. Home Alone.
D. Caddyshack.
49. Benedict Singer had a secret meeting with *Maxine D* crewman, Gustave Maren, when he paid him to get something for him from the ship. What was it? [Pgs. 283-284]
A. The schematic for the ROV.
B. A manganese nodule.
C. A pregnant female squid.
D. Log notes from the scientists.
50. What did Captain Danielson find in the wreck of the *Sea Cliff* that he secretly disposed of? [Pg. 286]
A. Manganese nodules.
B. A white Megalodon tooth.
C. A photo Jonas took of what he saw.
D. Proof one of the scientists caused the disaster.

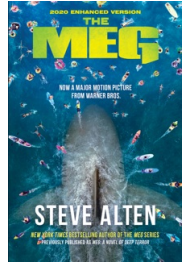


ACRONYMS

Following are some acronyms that appeared in the book. Please circle the letter for the correct designation of each acronym.

1. **DSV [Pg. 235]**
 - A. Debris Sensitive Viewer
 - B. Deep Submergence Vehicle**
 - C. Demolition Submersible Vessel
 - D. Damage Sensing Vacuum
2. **JAMSTEC [Pg. 20]**
 - A. Japan and Micronesia Seismic Tension Experiment Certification
 - B. Jointly Authorized Mariana Sea Trench Earthquake Calculation
 - C. Japanese Atomic Munitions Special Tracking Elimination Control
 - D. Japan Marine Science & Technology Center**
3. **MBES [Pg. 249]**
 - A. Multi-Beam Echo Sounder**
 - B. Metal Booster Emitting Scope
 - C. Micro-Biologic Energy System
 - D. Marine Bathyscape Educational Simulator
4. **P.A.G.A.S.A. [Pg. 235]**
 - A. Pacific Gasoline Safety Association
 - B. Pan-Asian Geographic Abyssal Sensor Alliance
 - C. Philippine Atmospheric Geophysical and Astronomical Services Administration**
 - D. Pan-American Global Aquatic Safety Assembly
5. **ROV [Pg. 249]**
 - A. Robotic Ocean Vessel
 - B. Radio Onboard Voltage
 - C. Retractable Obstacle Viewer
 - D. Remotely-Operated Vehicle**
6. **UNIS [Pg. 18]**
 - A. Underwater Navigation Identifying Scale
 - B. Unmanned Nautical Informational System**
 - C. Ultra-Nanobot In-depth Seismograph
 - D. Uncharted National Inactive Seaport

VESSELS



Following are the names of water vessels that played a part in this book. Please match each vessel to the correct description.

- | | | |
|----------|---|--------------------|
| G | The submersible Jonas was using with the two scientists in the <i>Challenger Deep</i> when he initiated an emergency ascent. [Pgs. 252-253] | A. Abyss Glider-II |
| E | The luxury yacht owned by Bud Harris. [Pg. 78] | B. Cap'n Jack |
| A | The submersible D.J. and Jonas used on their mission to retrieve the damaged UNIS drone. [Pg. 43] | C. HMS Challenger |
| C | The scientific vessel from 1873 whose captain was George Nares. [229] | D. Kiku |
| I | The first United States Navy nuclear submarine. [Pgs. 115-116] | E. Magnate |
| B | The sight-seeing / whale watching boat from Monterey wharf. [Pg. 173] | F. Maxine D |
| H | The research vessel owned by Agricola Industries. [Pg. 248] | G. Sea Cliff |
| F | The navy support ship for Jonas's first dive into the Mariana Trench. [Pg. 234] | H. Tallman |
| D | The research vessel owned by Masao Tanaka. [Pgs. 20 & 42] | I. USS Nautilus |

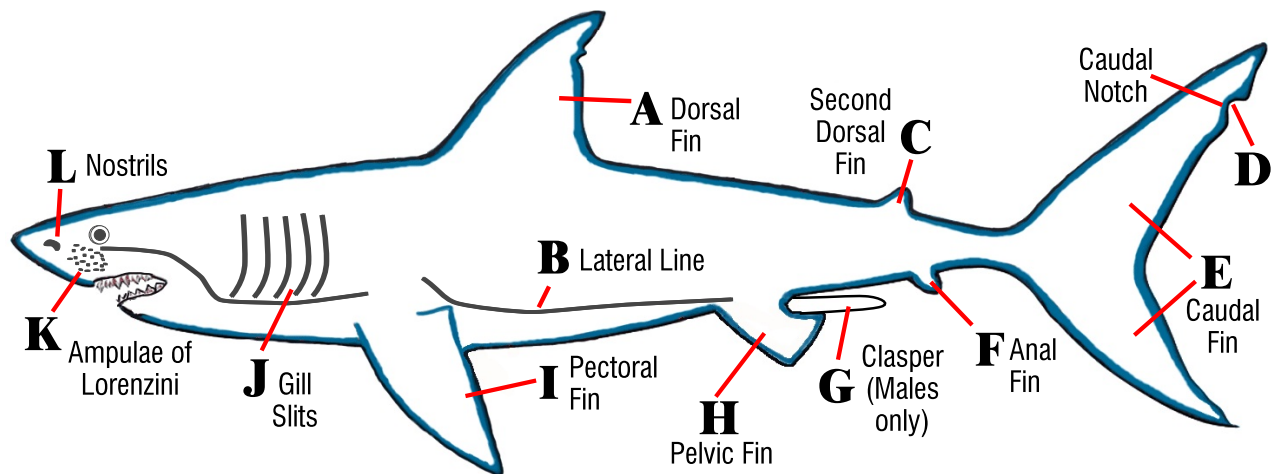
The MEG MEGALODON SHARK ANATOMY



Please identify the parts of the Megalodon by inserting the correct letter in front of its corresponding description:

Most of the locations of a Megalodon's anatomical parts are described on pages **260-261**. Other page numbers are where specific anatomical parts are also described and/or their functionality is described. There is also an shark anatomical diagram on page **101**.

K	Ampullae of Lorenzini [Pgs. 2, 25, 49, 250, 262]	G	Clasper (males only) [Pg. 74]	L	Nostrils [Pgs. 2, 49, 50, 72, 133, 134, 261]
F	Anal Fin [Pg. 260]	A	Dorsal Fin [Pgs. 2, 87, 92, 260]	I	Pectoral Fin [Pgs. 71, 112, 193, 260, 262, 270, 281]
E	Caudal Fin [Pgs. 2, 67, 70, 71, 74, 87, 93, 149, 156, 185, 198, 260, 261, 276]	J	Gill Slits [Pg. 71, 104, 149, 274, 277, 280]	H	Pelvic Fin [Pg. 260]
D	Caudal Notch [Pg. 260]	B	Lateral Line [Pgs. 50, 71, 111]	C	Second Dorsal Fin [Pg. 260]

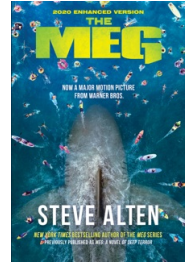


MEG SCIENCE/OCEANOGRAPHY



Matching:

- | | |
|---|---------------------------------|
| A. Great white Shark. [Pgs. 96, 145 250] | O Anglerfish |
| B. Riftia pachytila – an 8'-10' invertebrate. [Pgs. 41, 63, 259] | Q Archimède & Trieste |
| C. A sixty-foot-thick “ceiling” that insulates the frigid waters from the warm bottom of the Mariana Trench. [Pgs. 7, 37, 64, 14, 238, 258, 259, 268] | I Black Smoker |
| D. This rarely seen deep sea fish has large, bulbous eyes. [Pg. 57] | A Carcharodon Carcharias |
| E. This is what makes up a shark’s skin. [Pgs. 50, 199] | H Carcharodon Megalodon |
| F. Pinniped is the suborder of this carnivorous mammal. [Pgs. 144, 145] | L Challenger Deep |
| G. This is the generation of heat in a shark’s blood using its swimming muscles. [Pgs. 7, 250] | K Coelacanth |
| H. This is a prehistoric shark. [Pg. 2] (First mention) | P Cuttlefish |
| I. Chimneys of hardened mineral deposits spewing dark clouds of superheated mineralized water. [Pgs. 62, 63, 67, 258] | E Dermal Denticles |
| J. Nickname of the expanse of ocean near the Farallon Islands. [Pgs. 144, 145] | G Gigantothermy |
| K. A lobe-finned fish once believed to be extinct. [Pg. 6] | D Hatchetfish |
| L. The bottom/lowest point of the Mariana Trench. [Pgs. 8, 20, 62, 236] | C Hydrothermal Vent |
| M. This crocodilian-like marine reptile lived during the Middle Cretaceous period. [Pgs. 262-263] | M Kronosaurus |
| N. Another name for a killer whale. [Pgs. 177, 260] | F Northern Elephant Seal |
| O. This species of fish has a lighted rod fin that dangles over its mouth enticing prey. [Pgs. 59, 255] | N Orca |
| P. This animal requires three hearts to pump blood through its body. [Pg. 261] | J Red Triangle |
| Q. Bathyscaphes used to explore the Mariana Trench and Challenger Deep. [Pg. 24] | B Tube Worms |



MEG SETTINGS

1. Challenger Deep [Pgs. 8-10, 20-24, 31, 33, 37, 41, 43, 45, 50, 51, 62, 63, 65, 71, 96, 120, 236, 238, 273, 274, 277, 281]
2. Farallon Islands [Pgs. 7, 143-146, 149, 154, 158, 168, 174, 175, 177, 239, 249, 250]
3. Hadal Zone [Pgs. 27, 249, 250]
4. Island of Guam [Pgs. 24, 37, 40, 42-49, 76, 80, 81, 87, 94, 116, 235, 236, 243, 244, 246, 247, 256, 269, 285]
5. Mariana Trench [Pgs. 8-10, 14, 16, 19, 21, 24, 35, 36, 38, 40, 50, 61, 77, 96, 98, 105, 115, 169, 176, 193, 236, 238, 241, 242, 258-262, 270, 288]
6. Monterey Bay Sanctuary/Monterey Bay National Marine Sanctuary [Pgs. 146, 164, 165, 174]
7. Monterey Submarine Canyon [Pg. 142]
8. North Shore, Maui, Hawaii [Pg. 118]
9. Pearl Harbor, Oahu, Hawaii [Pgs. 125, 127, 132, 137]
10. Philippine Sea [Pgs. 20, 86, 101, 234, 235, 242, 249]
11. Saipan [Pgs. 85, 88, 89, 93, 98, 101, 104]
12. San Diego / La Jolla, CA [Pgs. 5, 13-15, 20, 23, 30, 78, 137, 140, 287]
13. Tanaka Oceanographic Institute [Pgs. 10, 20-23, 26, 30, 31, 77, 80, 138, 165, 170, 201]
14. Turtle Bay, Bahia Tortugas, Baja California, Mexico [Pgs. 139, 140]