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REVIEW OF NONLINEAR SOLID MECHANICS SOLUTIONS MANUAL

- "Nothing in her experience ever gave her reason to doubt the shelter and those within it would be there when she returned," the perfect opening line to a series of books like The Clan of the Cave Bear. Jean M. Auel wrote this line to help the reader understand the point in life where this young girl stood. She relied

on others to take care of her and now she must face life on her own. Ayla, a young girl, alone in a world of strangers, is forced to deal with the power struggles and taboos of the clan. Brun is the leader of the clan and is the soul determiner of Ayla's fate. Iza, the medicine woman, decides to save the girl from starvation. The holy man of all clans, Creb, learns more from Ayla than she does from him. Broud, the son of Brun, is an arrogant man, who seeks revenge on Ayla. Born out of a violent rape, Durc is the future of the clan. Ayla is my favorite character because she changes the most out of all the characters in this novel. As a young girl, she is ruled by taboos and traditions of the clan. As a young adult, she's stronger and more knowledgeable than any other clan member. Prehistoric Europe during the Ice Age is large-scale area for this novel. The extent of ice and change in coastlines during the 10,000 year Interstadial, a warming trend during the Wurm glaciations of the late Pleistocene Epoch, extending from 35,000 to 25,000 years before present time was occurring during this period. The novel takes place in a cave for a large part of the story. The cave is where the clan live and a smaller cave's where Ayla contemplates clan activities. Ayla, a young girl who is lost and must survive using only her inner strength to guide her. The leader of the clan and one of the people who help decide Ayla's fate is Brun, a bearded, barrel-chested man. Iza, chief medicine woman of the clan, takes Ayla in. Creb is the magician, but most refer to him as the holy man of all clans. Broud is the son of Brun and is set to take over the clan. Durc is the Ayla's child, born out of a violent rape and shall be the future of the clan. The main story within the novel is Ayla's growth as a

person. Seeing her as a young child lost and confused about life. She does not know where she belongs and struggles to find her place in this group of people. As she grows into a young woman she learns survival techniques and picks up knowledge from other clan members. She wants to be more of a factor in the clan and play a part in the power, but the leaders will not allow that to happen. The language in the book uses everyday terms except for in the dialogue between characters, in which it changes to nomadic language. Auel has a good knowledge of early plants helped make the medicine woman more believable. The novel was written in third person point of view. Auel wrote the characters to have a range of human emotions. She writes about not only physical human survival but mental as well. The flow of the story is very smooth after the second chapter. In the first chapter you start with Ayla being lost and confused. In the second chapter you are immediately introduced to the clan and in the middle of the chapter Ayla appears again. At first, it was somewhat confusing but when you kept reading everything transitioned well. I felt the story was strong in all aspects, but Auel's strongest writing feature is her knowledge on the time period. When reading the novel you can compare it to the present day issues and power struggles, so any person would enjoy the novel. This quote fits the description of Ayla in the novel, "If we don't change, we don't grow. If we don't grow, we aren't really living."

- The story of Ayla and her adoption by a tribe of proto-humans is a compelling one. One wonders, while reading this book, if events such as this might have happened once long ago, and bones

found of a young boy by archaeologists which were half human and half Neanderthal seem to suggest it did happen. And in this tale, too, one can see the possibilities of how the other proto-human species might have been different from homo-sapiens, and this is a good look at how a culture might have developed that would make it difficult for such a species to survive the coming cataclysms of earth. While Ayla is an exaggerated figure, more of an archetype of what the newer human race represented against the older Neanderthal, I did find her likeable. However, while I did find the story itself compelling, at many times the writing got in the way. This book would have been well served by a copy-editor who could have clarified sentences and cleaned up grammar and punctuation. The constant activity of my 'mental editor' as I read through

sentences and mentally re-phrased them, or placed correct punctuation where it should have been, or took it from where it obscured the words made it difficult to really get into the book. I think this story would have seemed so much better if it hadn't been for the cumbersome nature of running into so many errors through the text. Perhaps in later editions this has been corrected; the copy I read was an older one. The ending left me a bit cold. While I was satisfied at some developments, it didn't seem like a true ending. Yes, I understand that this is a trilogy, but this book doesn't stand alone, and without the book following it, I'm left with a sense of incompleteness. I kept expecting/hoping that perhaps 'The Others' which are mentioned throughout the book might show up at some point, that she might see one of her own kind...but no, I suppose that's for the next book.