BELOW THE ROOT

A Classic Software Fantasy based on The Green-Sky Trilogy by Zilpha Keatley Snyder

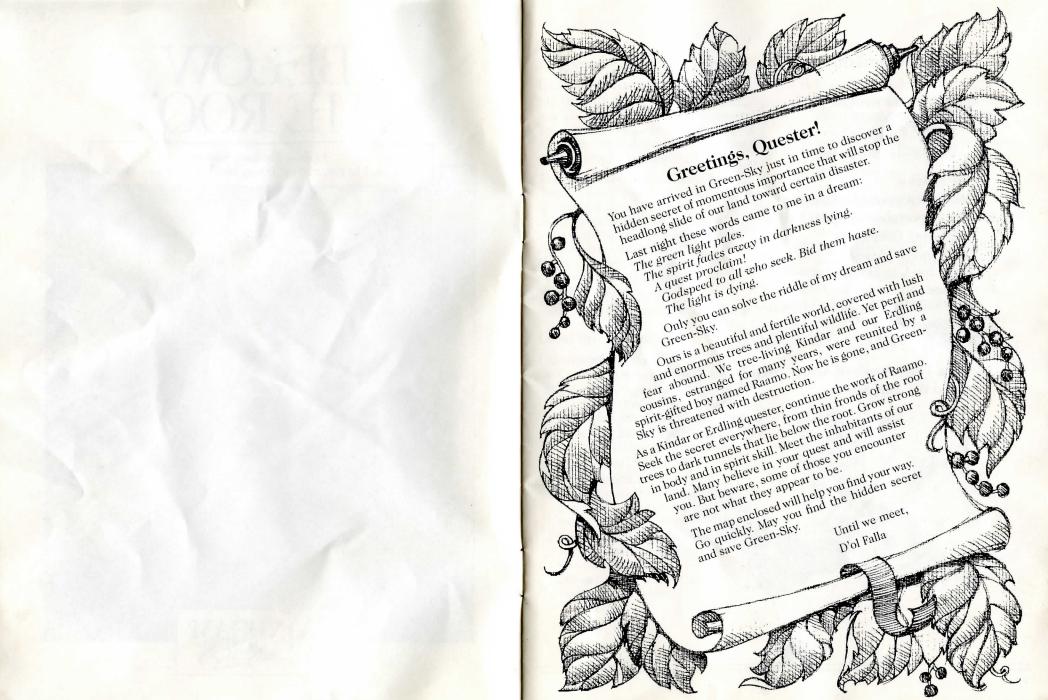


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Preparing for the Quest Create A Storage Disk

BELOW THE ROOT, like most quests, may take more than a day to complete. You can save the game with the help of a storage disk and then continue your quest at some later time.

To create a storage disk, you need to format a blank disk. You must have the formatted disk ready before you begin playing a game that you may want to save. If you need help formatting, consult your computer disk manual. Please note: saving a game destroys all other information on the disk, so use a blank disk.

Note: Apple users should use DOS 3.3.

Load the Adventure

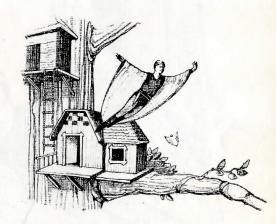
Commodore 64™

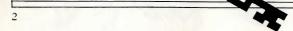
- 1. Create a storage disk (see above).
- Before you begin, insert a joystick in Control Port 2. Turn on your computer, disk drive and TV or monitor.
- 3. Place BELOW THE ROOT Side 1 in the disk drive and close door.
- 4. Type LOAD "WIND", 8
- 5. Press RETURN.
- 6. When the computer prints "READY", type RUN and press RETURN. The main program will load.
- 7. After a minute, a message will appear: "Insert Side 2 and press spacebar."
- 8. Remove disk from disk drive. Turn over and reinsert.

- 9. Press the spacebar.
- 10. The introduction to the game will start playing immediately. It will provide you with your first clues to aid you in your quest. Note: Introduction may be skipped by pressing joystick button.

Commodore 128™

- 1. Turn on the disk drive and the monitor or television.
- Depress the COMMODORE KEY (lower left) on the keyboard and turn on the computer.
- 3. The screen will display the words "*****COMMODORE 64****"
- Insert the game disk into the drive and follow the instructions above beginning with the LOAD command.





Apple®

- 1. Create a storage disk (see above).
- 2. Before loading, be sure the computer is turned off. If you will be playing with a joystick, plug it in now.
- 3. Place BELOW THE ROOT Side 1 in the disk drive and close door.
- 4. Turn on TV or monitor and computer.
- 5. It will take a minute to load. After loading follow the prompts to:
 Insert Side 2

Press (I) for keyboard game Press (J) for joystick game

6. The introduction to the game will start playing immediately. It will provide you with your first clues to aid you in your quest. Note: Introduction may be skipped by pressing spacebar or joystick button.

IBM®

Please note: If you have an IBM PC, PCjr, or AT there is no need to add DOS to your Game Disk. DOS has already been included.

- 1. If you are playing for the first time, create a storage disk (see p. 3).
- 2. If you are playing with a joystick, plug it in before you turn on the computer to play the game.
- 3. Insert BELOW THE ROOT Game Disk into Drive A.
- 4. Turn on the computer and TV or monitor.
- 5. The game will load. Follow the prompts:

Press K for keyboard game Press J for joystick game

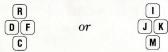
- 6. Follow the instructions.
- 7. The introduction to the game will start playing immediately. It will provide you with your first clues to aid you in your quest. Note: *Introduction may be skipped by pressing spacebar.*

Keyboard and Joystick Action Commodore™ 64 and 128

Joystick Control: to move your character or cursor, push joystick forward or backward, left or right. When you want to make a selection, press joystick button.

Apple

Joystick Control: To move your character or cursor, push joystick forward or backward, left or right. To make a selection, press either joystick button. Keyboard Control: Use keys (see diagram) to move in a direction. When you want to make a selection, press spacebar. Left-handed players may use alternate keys.



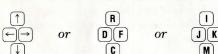
left-handed players

right-handed players

IBM

Joystick Control: To move your character or cursor, push the joystick forward or backward, left or right. When you want to make a selection, press joystick button.

Keyboard Control: Use arrow keys to move in any direction. To make a selection, press key. You may also use letter keys (see diagram) and spacebar.







Main Menu

After you have loaded the game and the introduction is completed, the Main Menu will appear with the following choices:

START GAME CONTINUE DISK STORAGE SAMPLE QUEST

Start Game: To Begin a New Quest

- 1. Choose START GAME on the Main Menu.
- 2. The message "CHOOSE YOUR QUESTER" will appear. There are five different characters to choose from, each with their own personality and skills. (See "Meet the Green-Sky Questers.") Push your joystick forward or press the up key to cycle through your options, then make a selection.
- 3. Depending on which character you choose, you may be asked to "INSERT SIDE 1". Follow the instructions on your screen.
- You will be instantly transported to the nid-place (home) of your character, ready to begin your quest.

Continue: To Return to Your Quest

Use CONTINUE option after loading a previously saved game from the storage disk (see below).

Disk Storage: To Save or Reload a Quest

1. Select DISK STORAGE from Main Menu.

- 2. The following message will appear: SAVE GAME LOAD GAME RETURN TO MENU
- Move cursor to SAVE GAME and select. The following message will appear:

QUEST 1 2 3 4 5 You may save up to 5 different games on one storage disk. Saving additional games will erase an old one.

- 4. Move cursor to a number and select.
- You will be instructed to insert your storage disk. Follow instructions on the screen. You will return to the Main Menu.

Note: After loading a Saved Game be sure to begin play by choosing the CONTINUE option and *not* START GAME.

Sample Quest: To Get a Preview of Green-Sky

Green-Sky is a rich and vast landscape. To get a preview of Green-Sky choose the option SAMPLE QUEST from the Main Menu. You can watch another quester explore Green-Sky; the sample game will replay continuously. To return to the Main Menu:

With Joystick: press joystick button. On Apple keyboard: press spacebar On IBM keyboard: press —

Note: If you select the Sample Quest in the middle of your game, it will cancel your game.

Meet the Green-Sky Questers

You may assume the role of one of five Green-Sky inhabitants—Kindar or Erdling, male or female, child or adult. Each has his or her own personality, has a nid-place in a different grund (tree), and is endowed with varying degrees of spirit skills and stamina.

Neric Neric is a Kindar-born young man. Though only moderately spirit-gifted, he is strong as well as impulsive. Neric's nid-place is in the Star Grund, not far from the Star Grund Shops.

Spirit Limit 5; Stamina 20

Genaa The beautiful and charismatic Genaa, a Kindar by birth, is a very robust young woman, with no spirit skill. Her home is in the Grand Grund, in the center of Green-Sky.

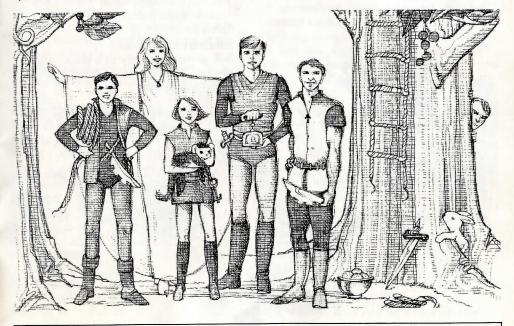
Spirit Limit 0; Stamina 20

Pomma A Kindar child of 9 years, Pomma is Raamo's sister. Though extremely delicate, she is greatly spiritgifted. Pomma is revered by Kindar and Erdling alike as a holy child. Her nid-place is found in the Sky-Grund. Spirit Limit 10; Stamina 10

Charn Charn is a ten-year-old Erdling boy. Agile and alert, he is very sturdy for a boy his age. Charn has the ability to pense emotions but not messages. The Silk Grund is where his home is found. Spirit Limit 5; Stamina 15

Herd Herd was born below the root but now lives in the Broad Grund. Like all Erdlings, he can pense emotions but not messages. He is a sturdy quester, and also very rational.

Spirit Limit 5; Stamina 20



The Importance of Spirit Skills

Spirit skills will aid you in your quest. It is essential that you discover how to use and raise your spirit skills. As you master higher levels, you will have more spirit skills and come closer to uncovering the secret that will save Green-Sky. Check your spirit level by reviewing the STATUS option on your menu. Be aware that your use of spirit skills depletes energy.

Spirit Skills

Pense An ancient skill, mind touching, allows you to read the minds of others and communicate without speaking.

Pense Emotions

Can be performed from any distance. Uses 1 unit of spirit energy.

Spirit Limit: 5

Pense Messages

You must be within speaking distance of the one you are pensing. Uses 1 unit of spirit energy.

Spirit Limit: 10

Heal The healing spirit skill allows you to restore partially your food and rest. This is especially helpful when you're far from your nid-place. Each use of the skill uses 5 units of spirit energy.

Spirit Limit: 15

Grunspreke The ability to influence tree growth. Each use of the skill uses 2 units of spirit energy.

Spirit Limit: 20

Kiniport The ability to move inaccessible objects or your own body with your mind. This most highly advanced spirit skill is so difficult to achieve that few Green-Sky inhabitants have the ability. However, you must master kiniporting if you are to succeed.

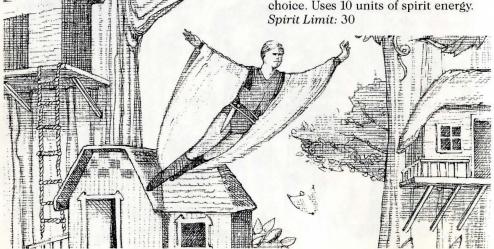
Kiniport Tools

Will move objects out of reach. Uses 5 units of spirit energy.

Spirit Limit: 25

Kiniport Your Body

Will move your body to a place of your choice. Uses 10 units of spirit energy.



Exploring Green-Sky

Once you leave your nid-place, you'll be free to travel in any direction. Be sure to use the map to make notes of your discoveries as you meet inhabitants and explore the large grunds, with their shops, nid-places, and public buildings. This is how you'll get around:

With Joystick:

Walk Move the joystick left or right. Jump While standing still: hold the joystick button down and push the joystick in the direction you wish to jump. While walking or running: press the joystick button. To jump from a ladder or vine: push the joystick button and press the joystick sideways. Jumping from ladders and vines is not possible underground.

Run Jump and keep the joystick pressed toward the direction in which you wish to run. Return to a walk by stopping the character briefly.

Climb Push the joystick forward or backward while you are on a ladder or vine.

Crawl Push joystick backward when in a standing position to stoop down. Then push joystick left or right.

Stand Up Push the joystick forward when you are in the crawl position. Fall Walk off the end of a ramp or a

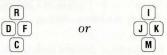
tree limb.

Glide Gliding is possible only if you are carrying a shuba. To glide, push the joystick button while you are falling. Once the glide begins, push the joystick sideways to glide left or right.

Enter or Exit a Doorway Position yourself over the door and press the joystick button.

On Keyboard:

Apple: use following keys (see diagram) to control movement.



On IBM: use the four arrow keys, or letter keys, to control all movements.



Walk Press appropriate key for direction you want to go.

Jump From a standing position, press the appropriate directional key quickly two times.

While walking, press the appropriate directional key once.

To jump from a ladder or vine, go right or left. Jumping from ladders is not allowed underground.

Run After a jump, you will automatically start running.

Stop Press the key opposite to the direction you are moving.

Climb Press the appropriate directional key while you are on a ladder or vine.

Crawl Press the down key when you are not on a ladder or vine to stoop. Then go right or left.

Stand Up Press the up key when you are in the crawl position.

Fall Walk off the end of a ramp or tree limb.

Glide Press left or right directional keys while you are falling.

Enter or Exit a Doorway Position yourself over the door and press the up key.

The Option Menu: What You Can Do in Green-Sky

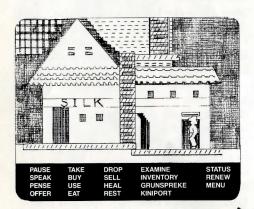
After you choose your character, you'll be ready to explore Green-Sky. The Option Menu enables you to choose all the activities you will need in Green-Sky. To display and use Option Menu: With Joystick:

- 1. Hold the joystick button down while you pull the joystick backward.
- 2. Move around the Menu by pushing the joystick in the direction you want to go.
- 3. Stop on the option of your choice, press the joystick button.

On Keyboard:

- 1. Press spacebar on Apple; press key or spacebar on IBM;
- 2. Move around the menu using directional keys.
- 3. Stop on the option of your choice and make your selection with spacebar on Apple; with the key or spacebar on IBM.

Note: Whenever the Menu is visible, the timer will stop.



Pause Pause during game then return to the quest.

Speak Move close to another game character. Be sure you are facing each other. The other character's message will appear.

Pense Depending on your level of spirit skill, you can pense emotions or messages. To pense messages, you must be standing close to and facing the other character.

Offer OFFER anything you are carrying to another character. Cycle through your inventory and select.

Take Position yourself over any item you would like to take. If you can take the item, it will instantly disappear from the screen. You are now carrying it in your inventory.

Buy Stand close to and face the merchant. The merchant will take your token and give you permission to take an item, provided you have room to carry it. After buying, be sure to TAKE item. Use USE trencher beaks, vine ropes, honeylamps, and other tools you happen upon.

Trencher Beak: Face the bramble then USE the beak. One layer of bramble will disappear; repeat process until you clear bramble. If you get caught in a bramble patch without a beak or other cutting tool, you must RENEW yourself.

Vine Rope: Face direction you want to throw rope. Try to USE the rope. The rope will appear if there is something for the rope to connect to in the direction you throw it. CRAWL across the vine rope, or you will fall.

Honeylamp: It will be obvious when you need to USE the lamp.

Eat EAT any of the edibles you are carrying. Cycle through your inventory and select.

Drop DROP an item, if you are carrying too much.

Sell You may SELL tools and food to any of the merchants.

Heal This spirit skill will restore your energy and food level.

Rest REST indoors on the hanging green nids, either in your own nid-place or in the nid-places of others who offer you REST. Stand in front of the nid, and select REST.

Examine EXAMINE unfamiliar objects you happen upon.

Inventory Displays what you are carrying.

Grunspreke If you have enough spirit skills, you have the power to make tree limbs grow. Stand at the edge of a limb, facing outward. With each successful grunspreking, the tree limb grows. Step out on the new growth and GRUNSPREKE again to create a living bridge.

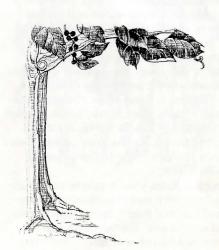
Kiniport If you have enough spirit skills, you have the power to move tools or your own body using psychic power. When you select KINIPORT, a pointer will appear on the screen.

To Kiniport Tools: Move the pointer to the tool you want to move. Select. Then point to where you wish to move it. Select again. You must place the tool on a spot where you will be able to stand when you pick it up.

To Kiniport Your Body: Place the pointer on your body near your feet. Select. Then point to the spot where you want to move.

Status Displays your STATUS at any given point during your quest. See "STATUS: How You Can Check Your Progress."

Renew If you get stuck somewhere, RENEW will return you home at the expense of losing a day of quest time. Menu Return to the Main Menu.



Status:

How You Can Check Your Progress

Even the most confident quester likes to know how he or she is faring, for thoroughly exploring Green-Sky is a long and arduous task. You might want to know what time it is, or check your spirit level after you've encountered a mysterious character, or know when to eat or rest. You can easily check your progress at any point during your travels by using the STATUS option on your Option Menu. It will provide you with the following data on your quest.

Example of Status Display

DAY 1 NERIC
EARLY MORNING
SPIRIT LIMIT 05
STAMINA 20 NERIC
LEVEL OF REST 10
LEVEL OF FOOD 10
LEVEL OF SPIRIT 05

Day Your performance as a quester will be judged on the number of days you take to complete the Quest. At the end of 50 days your time runs out.

Time of Day Reports the current time of day. Game time passes whenever you are moving around the Green-Sky environment. Time stops whenever the Option Menu, Main Menu, Status Display, or text of any kind is being displayed.

Spirit Limit Indicates your current Spirit Limit. (Refer to "The Importance of Spirit Skills.")

Stamina Rates your maximum strength. Questers with more stamina can store more rest and food energy, jump farther, and carry more. Your stamina can be increased during your quest, and you must discover how.

Quester Displays your name. Depending on which character you have chosen, your beginning spirit limit and stamina will vary.

Level of Rest Your "rest" energy is used as your journey time passes. Jumping, climbing, and especially crashing will also use rest energy. Your level can be restored by resting in your nid or in the nid of a friendly character. Your maximum level is one-half of your stamina. If your rest drops below 0, you will be forced to return to your nid-place. You will have lost a day of game time but your energy levels will have been replenished.

Level of Food Food energy is depleted in the same manner as rest energy. Dropping below zero will return you to your nid-place. Keep your food level up by eating.

Level of Spirit The amount of spirit energy you possess. This energy is depleted every time you use a Spirit Skill. Spirit energy is restored as game time passes.

Note: An example of the difference between SPIRIT LIMIT and LEVEL OF SPIRIT (or energy):

You may have a SPIRIT LIMIT of 20 and thus have the ability to GRUNSPREKE. Grunspreking, however, uses two units of spirit energy, so if your level of spirit is currently less than 2, you cannot Grunspreke until your energy is restored.

A Dictionary: What You Will Find in Green-Sky

Grund One of the enormous trees whose branches support the Kindar stores, nidplaces, and public buildings.

Fruit & Nuts Considered a Kindar delicacy. You may have an initial supply in your nid-place; if not, find other sources. Honeylamp A Kindar lamp. Once lit, it won't last long.

Lapan A small animal that looks like a rabbit.

Nekom An evil Erdling society, dedicated to revenge and violence.

Nid A Kindar bed—a hammock woven of living tendril. The nid-place is the home of a Kindar.

Pan Bread The staple food of the Kindar and Erdling people. You may find an initial supply in your nid-place; if not, you will have to find other sources.

Salite An evil Kindar society, whose purpose is to rid Green-Sky of all Erdlings as well as all those who believe in the unification of the two societies.

Shuba An outer garment that allows Green-Sky citizens to glide safely. One is provided in your nid-place. You may need to find new ones later.

Sima A small tree-dwelling animal—a favorite Kindar pet.

Tokens Money. There are some in your nid-place; supporters of the quest may provide you with more. You can acquire tokens by selling items to merchants.

Trencher Beak An essential tool for cutting through brambles and earth falls. You must find at least one, for in the fertile Green-Sky, vegetation grows quickly and may impede your quest.

Vine Rope Woven from the tendrils of the sacred wissen-vine, these ropes will help you move about the trees or across bodies of water.

Wissenberries The berry from the wissen-vine. Although they are no longer legal in Green-Sky, you may find them helpful when used with caution.

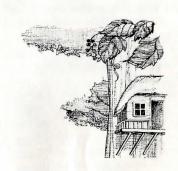


Some Final Words of Advice from D'ol Falla

Your success in restoring the light will assure the joyful lives of future generations of Kindar and Erdling children. D'ol Falla has left these final words of advice to help you achieve your goal and save Green-Sky.

- 1. Watch the sample quest.
- 2. Using the map, explore every aspect of Green-Sky. Not all the environment is noted on your map, so be on the lookout for new areas to explore, and mark them. Explore each tree completely rather than wandering from tree to tree.
- 3. Pense and speak to everyone. If you don't have the ability to pense messages at first, then go back and pense everyone once you get it—they will be very helpful to your quest.
- 4. When encountering a Green-Sky inhabitant for the first time, pense from a distance. If you read a negative emotion, such as rage or anger, try to avoid crossing that character's path.
- 5. Check your STATUS often, especially after interacting with a mysterious character. Your spirit limit may have been raised. Watch your stamina level and do not let lack of food or rest impair your ability to continue your quest. And remember, you only have 50 days to complete your quest.
- Concentrate at first on how and where to get rest and food. Next, attempt to raise your spirit and stamina maximums.

- Learn to use the new spirit skill available to you when your spirit rises to a new level—you will need all skills to complete your quest.
- 8. Learn to buy and sell tools and food. It's easier to carry tokens than it is to carry other items.
- 9. Learn to use the tools available to you, including the rope, trencher beak, honeylamp and anything else you might pick up.
- 10. Some of the characters are more difficult to play than others. If you're looking for a real challenge, start out with Genaa, who has no Spirit Skills. For an easier start, choose a character like Neric, who has moderate Spirit Skills, is strong, and has a nidplace located near a group of shops.



About the Adaptation

The Green-Sky Trilogy is a critically acclaimed series of fantasy adventure books. The Trilogy offers all the elements for an exciting computer adventure game: a rich and vast environment, an intricate plot, and a young hero on a quest to save his world from destruction.

In adapting the Trilogy, we sought to recreate the vast and mysterious environment and offer an adventure game in which the player would need to continue the quest to save Green-Sky. Zilpha Snyder, the author of the Trilogy, wrote the script adaptation. Below she discusses how she helped bring her imaginatively conceived world to life as a computer adventure game.

A letter from Zilpha Keatley Snyder: I have always loved writing fantasies and adventures for young people, but had never used a computer until I met Dale Disharoon. He introduced me to adventure games on computers, and as I learned about the capabilities of the computer, I saw so much opportunity to adapt my own writing to this new and exciting medium.

From the beginning, Dale and I agreed that we wanted a game with story qualities, characters with personality traits that could grow and develop, and an outcome that would be consistent with the story line of the game as well as the trilogy that came before. We wanted our game to have the best and most artistic graphics possible, lots of action, and some aspects of the eye/hand coordination demands that make arcade games exciting.

I began to map out the vast world of Green-Sky on an enormous sheet of graph paper spread out on my studio floor. I sketched the many grundtrees whose intricate network of branches supported the homes, shops, temples, and public buildings of the people of Green-Sky. Then we planned the questers, with their initial attributes as well as the tools and abilities they might acquire. Next came the many inhabitants of the land; I planned the responses they might make when addressed or "pensed".

Dale and I worked very closely over many months on the adaptation. While I sketched and charted Green-Sky, he made it all possible by ably programming the computer. Our ideas flowed back and forth, and it felt more like play than work. I hope you enjoy the game.

Zilpha Keatley Snyder

The Authors

Zilpha Keatley Snyder, a native Californian, is the renowned author of more than a dozen adventure and fantasy books for young people. In addition to the *Green-Sky Trilogy*, Ms. Snyder is the author of the acclaimed "Egypt Game," "The Headless Cupid," and "The Witches of Worm," which are all Newbery Honor Books from Athenaeum Publishers.

Dale Disharoon, the software writer of BELOW THE ROOT, taught school before he turned his attention to programming. He specializes in educational software for people of all ages. Disharoon, who lives in California, is also a classical guitarist, a puppeteer, and an accomplished quester.

Windham Classics adventure games are specially designed to entertain and offer players, 10 to adult, an exciting way to enjoy some of the best classic literature of all time.

BELOW THE ROOT[™] computer program is the sequel to the acclaimed *Green-Sky Trilogy*, a series of future-fantasy adventure books by Zilpha Keatley Snyder. The trilogy includes: *Below the Root*, 1975, *And All Between*, 1976, and *Until the Celebration*, 1977. All were published by Atheneum, New York, and are illustrated by Alton Raible.

Tor Books will publish the paperback editions of the Trilogy in early 1985:

Below the Root Available in April 1985 U.S. ISBN 554-76-0—\$2.95 Canada ISBN 554-77-9—\$3.50 Until the Celebration Available in November 1985 U.S. ISBN 554-80-9—\$2.95 Canada ISBN 554-81-7—\$3.50

And All Between Available in August 1985 U.S. ISBN 554-78-7—\$2.95 Canada ISBN 554-79-5—\$3.50

Look for them at your local bookstore or write: Tor Books Reader Service Dept. P.O. Box 690 Rockville Centre, New York 11571

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