

**Chapter 5 Study: Part 2-Discussion Guide
Honors Science**

**Garrett, L. *The Coming Plague-Newly Emerging Diseases in a World Out of Balance*,
Penguin Books, 1994.**

The following guide pertains to Chapter 5—V-X-- (pp. 130-152) and deals with Ebola.

PLACE: Bumba Zone in Zaire’s northern frontier

TIME: 1976-1978

KEY PEOPLE:

Mabola Lokela (Antoine)	Father Augustin
Mbuzu Sophie	Sister Beata Edmonds
Sister Miriam	Yombe Ngongo
Lizenge Embale	Ekombe Mongwa
Angi Dobola	Sebo Dombe
Ngbua	Sister Edmonda
Dr. Ngoi Mushola	Muyembe Tamfum Lintak
Omombo	Amane Ehumba
Sister Romana	Sukato Manzomba
Mayinga N’Seka	Dr. Lusakumuna
Dr. William Close	President Mobutu Sese Seko
Dr. Ngwete Kikhela	Father Germain Lootens
Sister Genoveva	Sister Marcella
Sister Mariette	Dr. Krubwa
Dr. Jean-Francois Ruppel	Dr. Gilbert Raffier
Paul Bres	Claude Hannon
Pierre Sureau	Dr. G. Raffier
Peter Piot	Guido van der Groen
Rene Delgadillo	Dr. Stefan Pattyn
Patricia Webb	Fred Murphy
Joel Breman	Lyle Conrad
Geoffrey Platt	Joe McCormick
Karl Johnson	Simon van Nieuwenhove
Del Conn	David Heymann

I. GEOGRAPHIC SETTING

- a. Bumba Zone**
- b. Isiro**
- c. Maridi**
- d. Kinshasa**

II. DISCUSSION AND GUIDE QUESTIONS

Page

- 131 1. What important information did the priests of N'zara share with McCormick?
- 132 2. What had happened during McCormick's absence?
- 133 3. Where did the name "Ebola" come from?
- 133 4. How did Geoffrey Platt contract Ebola?
- 135 5. On November 16 what did McCormick tell his commission members and what was its significance?
- 136,137 6. Why did Piot give up his seat on the helicopter and what happened to the man that took his place?
- 140 7. Why did the team have so many problems with their evacuating plan?
- 141 8. What two things were missing from the bed isolator that the CDC sent?
- 144 9. What did they find was the major source for spreading the virus?
- 145 10. What did McCormick's note say?
- 147,148 11. What animals were found to have antibodies to Ebola and how did they get them?
- 149 12. Why did the Bumba-area boys pretend their toy helicopter crashed when Heymann drove by?

CONCLUDING REFLECTIVE THOUGHTS

1. Why do you think Platt was injected with interferon after he contracted Ebola?
2. No vector or reservoir of Ebola was ever found. What is the significance of this and where do you think the suspected culprit would be found?