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*The World System
in the Thirteenth Century:
Dead-End or Precursor?*

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Most Western historians writing about the rise of the West have treated that development as if it were independent of the West's relations to other high cultures. At first, thinking about this, I attributed it to ethnocentrism, pure and simple. But then I was struck by something else: Virtually all Western scholars, and especially those who had taken a global perspective on the "modern" world, began their histories in about A. D. 1400—just when both East and West were at their low ebb and when the organizational system that had existed prior to this time had broken down. By selecting this particular point to start their narratives, they could not help but write a similar plot, one in which the West "rose," apparently out of nowhere.

What would happen to the narrative if one started a little earlier? Even more important, what would happen to the theoretical assumption that the peculiar form of Western capitalism, as it developed in sixteenth-century western Europe, was a necessary and (almost) sufficient cause of Western hegemony? What if one looked at the system *before* European hegemony and if one looked at the organization of capital accumulation, "industrial" production, trade and distribution in comparative perspective? If one found wide variation among earlier economic organizations, all of which had yielded economic vitality and dynamism, then it might not be legitimate to attribute Europe's newly gained hegemony to "capitalism" in the unique form it took in Europe. It might be necessary, instead, to test an alternative hypothesis: that Europe's rise was substantially assisted by what it learned from other, more advanced cultures—at least until Europe overtook and subdued them.

A Global History of the Thirteenth Century

It was to explore such questions that I began to study the economic organization of the world in the thirteenth century. At the start, I had no intention of writing a book, but only of satisfying my curiosity over this puzzle. In the course of my five years of research, however, I found no single book, or even several books combined, that gave me a "global" picture of how international trade was organized at that time. Interestingly enough the separate histories I did find all hinted, usually in passing, at the manifold connections each place maintained with trading partners much farther afield. I became preoccupied with reconstructing those connections.²

The basic conclusion I reached³ was that there had existed, prior to the West's rise to preeminence in the sixteenth century, a complex and prosperous predecessor—a system of world trade and even "cultural" exchange that, at its peak toward the end of the thirteenth century, was integrating (if only at high points of an archipelago of towns) a very large number of advanced societies stretching between the extremes of northwestern Europe and China. Indeed, the century between A.D. 1250 and 1350 clearly seemed to constitute a crucial turning point in world history, a moment when the balance between East and West could have tipped in either direction. In terms of space, the Middle East heartland that linked the eastern Mediterranean with the Indian Ocean constituted a geographic fulcrum on which East and West were then roughly balanced.

Thus, at that time, one certainly could not have predicted the outcome of any contest between East and West. There seemed *no historical necessity* that shifted the system in favor of the West, nor was there any historical necessity that would have prevented cultures in the eastern regions from becoming progenitors of a "modern" world system. This thesis seemed at least as compelling to me as its opposite.

True, the "modern" world system that *might* have developed, had the East remained dominant, would probably have had different institutions and organization than the historically specific version that developed under European hegemony. But there is no reason to believe that, had the West not "risen," the world under different leadership would have remained stagnant.

Therefore, it seemed crucial to gain an understanding of the years between A.D. 1250 and 1350.⁴ During that period, an international trade economy climaxed in the regions between northwestern Europe and China, yielding prosperity and artistic achievements in many of the places that were newly integrated.

This trading economy involved merchants and producers in an extensive (worldwide) if narrow network of exchange. Primary products,

including but not confined to specialty agricultural items, mostly spices, constituted a significant proportion of all items traded, but over shorter distances in particular, manufactured goods were surprisingly central to the system. In fact, trade probably could not have been sustained over long distances without including manufactured goods such as textiles and weapons. The production of primary and manufactured goods was not only sufficient to meet local needs but, beyond that, the needs of export as well.

Moreover, long-distance trade involved a wide variety of merchant communities at various points along the routes, because distances, as measured by time, were calculated in weeks and months at best, and it took years to traverse the entire circuit. The merchants who handled successive transactions did not necessarily speak the same languages, nor were their local currencies the same. Yet goods were transferred, prices set, exchange rates agreed on, contracts entered into, credit extended, partnerships formed, and, obviously, records kept and agreements honored.

The scale of these exchanges was not very large, and the proportion of population and even production involved in international exchange constituted only a very small fraction of the total productivity of the societies. Relatively speaking, however, the scale of the system in the later Middle Ages was not substantially below that in the "early modern age" (i.e., after 1600), nor was the technology of production inferior to that of the later period. No great technological breakthroughs distinguish the late medieval from the early modern period.

The book that resulted from my research, *Before European Hegemony*, describes the system of world trade circa A.D. 1300, demonstrating how and to what extent the world was linked into this common commercial network of production and exchange. Since such production and exchange were relatively unimportant to the subsistence economies of all participating regions, I did not have to defend an unrealistic vision of a tightly entailed international system of interdependence. Clearly, this was not the case. But it was also true in the sixteenth century. Thus, if it is possible to argue that a world system began in that later century, it is equally plausible to acknowledge that it existed three hundred years earlier.

It is important to recognize that *no system* is fully global in the sense that all parts articulate evenly with one another, regardless of whether the role they play is central or peripheral. Even today, the world, more globally integrated than ever before in history, is broken up into important subspheres or subsystems—such as the Middle Eastern and North African system, the North Atlantic system, the Pacific Basin or Rim system, the eastern European bloc (functionally persisting, even though its socialist orientation has crumbled), and China, which is still a system unto itself. And within each of these blocs, certain major cities play key nodal roles, domi-

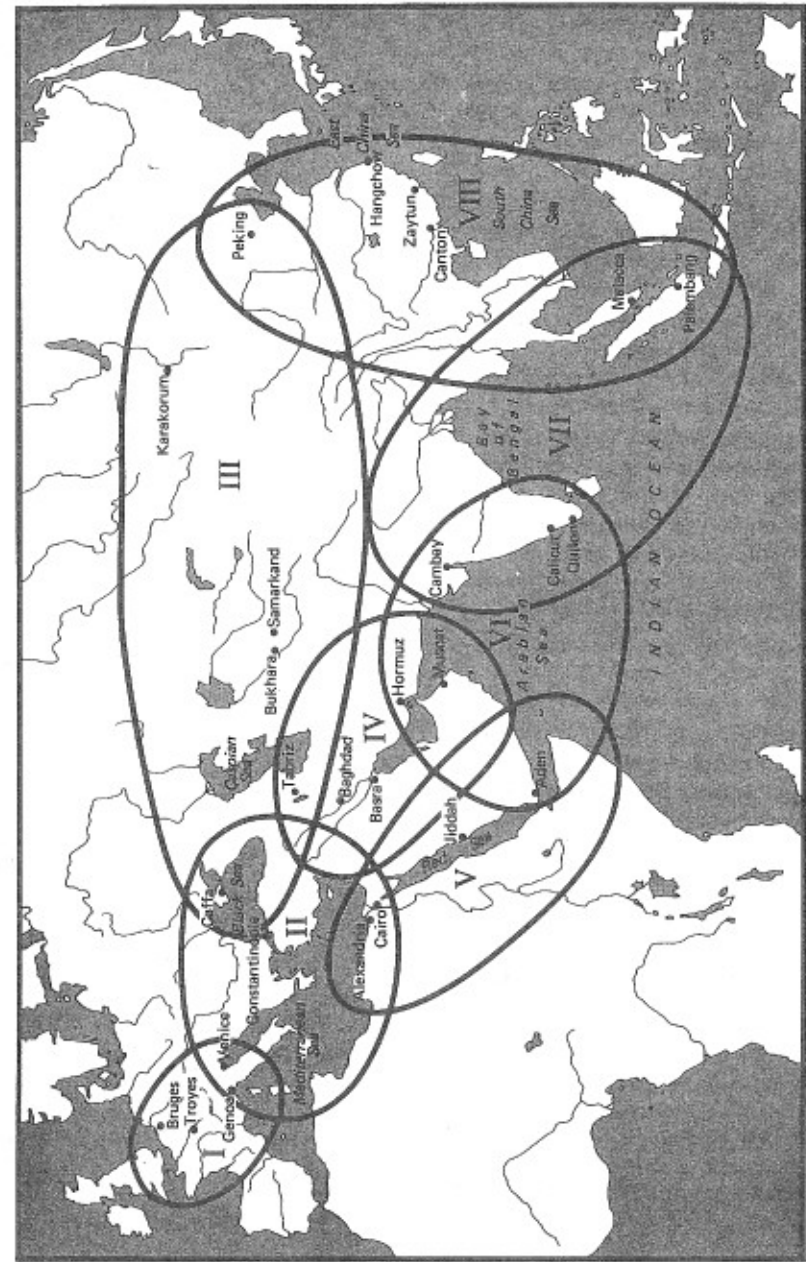
nating the regions around them and often having more intense interactions with nodal centers in other systems than with their own peripheries.

In the thirteenth century, also, there were subsystems (defined by language, religion and empire, and measurable by relative transactions) dominated by imperial or core cities, as well as mediated by essentially hinterland-less trading enclaves. Their interactions with one another, although hardly as intense as today's, defined the contours of the larger system. Instead of airlines, these cities were bound together by sealanes, rivers, and great overland caravan routes, some of which had been in use since antiquity. Ports and oases served the same functions as do air terminals today, bringing diverse goods and people together from long distances.

Given the primitive technologies of transport that existed during the early period, however, few nodes located at opposite ends of the system could do business directly with one another. Journeys were broken down into much smaller geographic segments, with central places between flanking trading circuits serving as "break-in-bulk" exchanges for goods destined for more distant markets. Nor was the world the "global village" of today, sharing common consumer goals and assembly-line work in a vast international division of labor. The subsystems of the thirteenth century were much more self-sufficient than those of today and therefore less vitally dependent on one another for common survival. Nevertheless, what is remarkable is that, despite the hardships and handicaps that long-distance trade then entailed, so much of it went on.

An analysis of the movements of such trade leads us to distinguish, for analytical purposes, three very large circuits. The first was a western European one that dominated the Atlantic coast and many parts of the Mediterranean. The second was a Middle Eastern one that dominated both the land bridge along the Central Asian steppes and the sea bridge, with a short intervening overland route, between the eastern Mediterranean and the Indian Ocean. And finally, the third was the Far Eastern circuit of trade that connected the Indian subcontinent with Southeast Asia and China beyond. At that time, the strongest centers and circuits were located in the Middle East and Asia. In contrast, the European circuit was an upstart newcomer that for several early centuries was only tangentially and weakly linked to the core of the world system as it had developed between the eighth and eleventh centuries.

These three major circuits were, in turn, organized into some eight interlinked subsystems, within which smaller trading circuits and subcultural and political systems seemed to exist. Map 1 shows a rough delimitation of those eight subsystems. In the section that follows, we take up each of these circuits and subsystems in turn, but our emphasis is on how they connected with one another.



MAP 1. The eight circuits of the thirteenth-century world system. From Janet Abu-Lughod, *Before European Hegemony: The World System A.D. 1250-1350*. Copyright © 1989 by Oxford University Press, Inc. Reprinted by permission.

THE EUROPEAN CIRCUIT

By the middle of the thirteenth century, three European nodes were forming into a single circuit of exchange. The counties of Champagne and Brie in east-central France hosted the rotating fairs of Champagne, which took place sequentially in four towns: the trading and production centers of Troyes and Provins and the smaller market towns of Bar-sur-Aube and Lagny. A second nodal zone was the textile-producing region of Flanders, where the city of Bruges became the most important commercial and financial capital and nearby Ghent served as the chief industrial town. The third node was in Italy, with the two most international trading ports located on opposite sides of the peninsula: Genoa facing westward and Venice facing east.

The growth of this European circuit was causally linked to the Crusades, which, from the end of the eleventh century, had put western Europe into more intimate contact with the Middle East and which had stimulated the demand for goods available only in the East. Such stimulation in demand, in turn, generated heightened productivity on the European continent—to manufacture goods that could be exchanged for the spices and cotton and silk textiles from the East.

To reconstruct this process, it is important to establish a benchmark for growth. In the second century A.D. the Roman Empire covered a vast territory that included all regions abutting the Mediterranean Sea. The empire extended northward to encompass England and all of western Europe except Germany, eastward to encompass Greece, Anatolia, and the Fertile Crescent, and southward across the entire stretch of littoral North Africa. Rome's southern and eastern peripheral areas were in contact, via overland and sea routes, with sizable portions of the rest of the "Old World" as far away as India and, indirectly, even China. By that time, what might be called the first nascent world system had come into existence, although it did not survive the "fall of Rome."

Internal weakening of the overextended Roman Empire eventually made it possible for Germanic tribes occupying zones north and east of the Italian core—tribes that had formerly been blocked at the frontiers—to break through the Roman lines. The first waves of invasion occurred in the third century, but were soon spent; successive ones were not so easily repelled. Throughout the fifth century a series of more successful incursions culminated in the collapse of unified rule and the fragmentation of the western domains among the Gauls, Vandals, Visigoths, and, later, Lombards.

After the fall of the Roman Empire, much of western Europe underwent significant regression, initiating a period that in Western historiography is referred to as the Dark Ages.⁵ Although it is true that much of the

subcontinent's economic base retracted to highly localized subsistence activities, it is important to stress that in southern Europe this did not occur. Much of the Iberian Peninsula was under Muslim rule and its economy was thus inherently linked not to Europe's but to that of the thriving Islamic world. And at least parts of Italy, most particularly the port city-state of Venice, continued to prosper because it served as an outpost for the undefeated eastern Roman Empire, Venice's ally in Constantinople.

It is important to remember that the ninth century, when northwestern Europe was just beginning to emerge from its dark ages, was a civilizational highpoint both in the Middle East (under Abbasid rule) and in China (under the Tang Dynasty). These two central powers were establishing trade links with one another via the Persian Gulf-Indian Ocean route, a connection advantageous to both. (This is the time of Sindbad the Sailor).⁶ The overthrown Umayyads had relocated to Iberia and were united there with powerful North African dynasties. The tenth and eleventh centuries in both Asia and the Middle East were periods of technological advance⁷ and increasingly sophisticated business and credit practices.⁸ Most of the "social" inventions that the Italians were to use so effectively, when they later provided the institutional "glue" that integrated the European subsystem, they learned from their Middle Eastern counterparts.

Western Europe was decisively drawn into the preexisting world system through the Crusades, the first of which took place at the end of the eleventh century. It was only after this first incursion that the fairs of Champagne began to expand as the central meeting place for Italian merchants, who imported Eastern goods via the Levant, and Flemish merchants, who marketed the woolen textiles that Europe exchanged for the silks and spices of the Orient.⁹ Flemish textile production was greatly stimulated by the Orient's expanding demand for their high-quality cloth. With later Crusades, European colonies were established in the Levant, where merchants handled the import trade on the spot.

The fairs of Champagne had a relatively brief period of prominence as the middleman-exchange center between Flemish textile producers and Italian merchants. By the end of the thirteenth century, Genoese ships were exiting the Strait of Gibraltar and sailing up the Atlantic coast directly to Bruges; this resulted in relocating the "international" market from Champagne to that city. The Venetians were forced to follow suit, although they never became as prominent in Bruges as the Genoese or the Piedmont Italians. This bypassing of France's central massif, combined with the subsumption of the counties of Brie and Champagne under the French monarchy in 1285,¹⁰ spelled the decline of the fairs. Bruges's prominence, however, was short-lived. Gradually, the city's harbors, despite their successive relocation outward, silted up until deep-draft vessels

could no longer come directly into port. The Italians then moved their operations, and along with them the associated financial markets, to the better harbor at Antwerp.

During all this time, the Italians were increasing their control over the production and distribution of western European goods because it was their ships that came to control the shipping lanes in the Mediterranean. The Arabs withdrew from that sea, ceding to Pisan, Genoese, and eventually even more to Venetian galleys the task of ferrying goods back and forth between western Europe and the cores of the world system, still focused farther east.¹¹

THE MIDDLE EASTERN CIRCUIT

European ships made three landfalls in the Middle East bridge to the Far East. The one on the north passed Constantinople through to the Black Sea. From ports toward the eastern end of the Black Sea, goods were transferred to the overland caravan route to China. The one at midpoint was on the coast of Palestine, from which caravans set out to Baghdad and thence to the head of the Persian Gulf for the long sea journey or joined the southern caravan route across Central Asia. The one on the south was at the Egyptian port of Alexandria, from which connections were then made via Cairo to the Red Sea and, from there, farther eastward through the Arabian Sea and Indian Ocean.

The Genoese and Venetians fought each other for dominance in the Mediterranean sealanes (their only rival, Pisa, was eliminated fairly early) and, by the thirteenth century, had reached some sort of *modus vivendi* in which Genoa gained hegemony over the northern route while Venice consolidated its virtually monopolistic relations with the Mamluks of Egypt and their Karimi merchants. Both lost out in the Levant when Saladin and later the Mamluk sultan Baybars drove them successively from the Crusader kingdoms Europeans had implanted in Palestine.

These landfalls were the anchors of the three Middle Eastern subsystems that connected the Levant with the Far East. The northern route crossed the Central Asian steppes and deserts that had been newly unified under Genghis Khan and his confederation of Mongol and Tatar tribes. This unification permitted the trading explorations of such notables as Marco Polo and his uncles in the latter part of the thirteenth century and the establishment of small colonies of Genoese and other Italian merchants in Beijing and other Chinese cities (by then under the Yuan, or Mongol, Dynasty). And it was the greater safety and stability of this area that facilitated the marked expansion of overland trade.

The routes through Arab lands were more protected from European incursions. At Palestine, European merchants met the caravans coming from Central Asia or from the Persian Gulf, but seldom followed them eastward

on the long sea journey to India, the Malay Peninsula, or China. And at Egypt the European merchants were stopped entirely. They were not permitted to cross from the Nile to the Red Sea and thus had to exchange with local Karimi (wholesale) merchants, under government supervision, all the goods they brought from Europe or other parts of the Mediterranean for the spices, textiles, and other goods they sought to buy from the East. Toward the end of the period in question, the connection between Venice and Egypt strengthened until it virtually monopolized the exchange between the West and India and parts east.

THE ASIAN SYSTEM VIA THE INDIAN OCEAN

The Indian Ocean trade, which long predated Europe's interest and persisted well beyond the European explorers' "discovery" of the New World as an unintended by-product of their search for an alternative route to India, was itself subdivided into three circuits, only one of which overlapped with the southern Middle East subsystems that connected the Red Sea and Persian Gulf with landfalls on the western coast of India. The ports at Gujarat (near current-day Bombay) and on the Malabar or pepper coast to the south contained merchant colonies of Muslims¹² from the Middle East who served as intermediaries and who also spread their religion and business practices wherever they went.

Muslim Arab and Persian merchants were considerably less visible in the second circuit of the Indian Ocean trade, which was anchored on the Coromandel coast on India's eastern side. There, indigenous Indian merchants intermediated much of the sea trade that moved eastward through the Straits of Malacca and Sunda (between the Malay Peninsula and present-day Sumatra and Java) to Chinese ports in the third circuit. Although Persian and Arab ships also participated in this circuit, at that time Europeans had no ships in either the Indian Ocean or the South China Sea. The few Europeans (including missionaries and a small number of traders) who ventured into these regions traveled on Asian ships. It was not until Vasco da Gama's successful circumnavigation of Africa in 1498 that European vessels entered the Indian Ocean arena, and it was not until after the Portuguese men-of-war had destroyed the small Egyptian and Indian fleet defending the Arabian Sea in 1516 that Europeans began to control, although not supplant, the large Asian merchant marine.

In that Asian circuit, the Strait of Malacca (and as a very secondary alternative, the Strait of Sunda between southern Sumatra and Java) was absolutely crucial. All ships traveling between India and China had to pass through the "gullet" of narrow sea that separated Sumatra from the Malay Peninsula. Tomé Pires, the astute Portuguese merchant and author who traveled in the area during the first half of the sixteenth century, acknowledged the undisputed strategic significance of Malacca to world

trade, noting that "whoever is lord of Malacca has his hands on the throat of Venice" and that "if Cambay [the port of Gujarat] were cut off from trading with Malacca, it could not live."¹³ His phrases were apt. Malacca, the chief entrepôt on the strait after the fall of Srivijaya,¹⁴ served, like the fairs of Champagne, as the place where foreign merchants coming from different directions met to exchange goods, credit, and currencies.

But whereas the Champagne fairs owed their comparative advantage chiefly to political causes, the shifting ports on the strait (of which Singapore is simply the most recent manifestation) owed theirs to the weather. In the days of sailing ships, prevailing winds and monsoon seasons shaped the routes and timing of international trade. Because monsoon winds reversed at the Strait of Malacca, long layovers were required for boats traveling in both directions. Permanent colonies of merchants drawn from points throughout the Asian circuit coexisted in Malacca, giving to this port a cosmopolitan quality far beyond what local resources and institutions could have generated.

If the coasts of India were magnets because on them debouched the products of a rich and partially industrialized¹⁵ subcontinent, and the Strait of Malacca was a magnet because sailors had no other options, China was a magnet par excellence in itself and for all. Through China, the overland subsystem that connected it to the Black Sea and the eastern sea subsystem that connected it to the Strait region and beyond were joined together in an all-important loop.

It is very significant that the entire world system of the thirteenth century functioned smoothly and to the benefit of all players when the connecting link through China operated well. It is perhaps of even greater significance that, as I later argue, the breaking up of the world system in the mid-fourteenth century was in large part due to the wedge driven between China and Central Asia by the Ming Rebellion (but more of this later).

China was by far the most developed civilization in the world and the world's leading technological and naval power until the late fifteenth century.¹⁶ It did not merely sit complacently as (in its view) the "Middle Kingdom" of the universe, but actively conducted both "tribute" and "merchant" trade throughout its own waters and in the Indian Ocean and, periodically, up through the Persian Gulf. China had the world's largest and most seaworthy fleet,¹⁷ capable of withstanding any attack and able to terrorize opponents into submission with flame-throwing weapons and gunpowder-driven missiles that were the equivalent of later European cannons.

Such naval power did not often have to be invoked, however, since over the centuries the trading nations of the Indian Ocean had evolved a remarkably tolerant system of coexistence, unlike the rivalries that plagued the Mediterranean in the post-Roman era. K. N. Chaudhuri has drawn a

detailed and graphic image of that coexistence in his seminal books on the Indian Ocean.¹⁸ Although piracy was not unknown in Eastern waters, it did not lead, as in the Mediterranean, to a war of all against all, nor was it suppressed by a single thalassocracy, a naval power capable of eliminating all resistance. Instead, it was contained within the interstices of a larger collaboration in which goods and merchants from many places were intermingled on each other's ships and where unwritten rules of reciprocity assured general compliance. This system was not decisively challenged until the sixteenth century, when Portuguese men-of-war violated all the rules of the game by burning or boarding ships, confiscating cargo, and imposing their system of passes¹⁹ on the numerous indigenous but unarmed merchant fleets of the area.

The Fate of the Thirteenth-Century World System

Now that we have described the complex world system that existed before Europe's rise to hegemony, we are left with two basic puzzles. The first is why the thirteenth-century world system did not simply persist and continue to grow? The second is why the West "rose" when it did? Let us try to answer these questions.

Given the high level of sophistication reached and the widespread character of the contacts among the various participants in the thirteenth-century world system, it is natural to ask why it did not expand even farther and grow increasingly prosperous. After all, one of the laws of motion states that things in motion tend to remain in motion, if only because of the power of inertia, and this principle may also operate in history. (It is not until a trend is reversed that historians feel impelled to explain what happened!)

Yet we know that during the fifteenth century almost all parts of the then-known world experienced a deep recession. By then, the "state of the world" was at a much lower level than it had reached in the early fourteenth century. During the depression of the fifteenth century, the absolute level of intersocietal trade dropped, currencies were universally debased (a sure sign of decreased wealth and overall productivity), and the arts and crafts were degraded. It is natural to look in the fourteenth century for clues to this unexpected reversal of fortune.

Such clues are not hard to find. By the third and fourth decades of the fourteenth century, one finds evidence of problems in Europe: bank failures in Italy and the cessation of port expansions in both Genoa and Venice; scattered crop failures throughout northwestern Europe; labor unrest in Flanders that was not unrelated to the decline in the quality of Flemish cloth, once Spanish wool had to be substituted for the higher-

quality English wool hitherto used in production; and local wars and increased costs of protection, as "law and order" began to break down. Signs of weakness were also to be seen at various points in the Middle Eastern and Asian systems.

Whether these were normal fluctuations that historians might have overlooked if the system had regained prosperity sooner, or whether they were symptoms of some larger endemic problems, cannot be determined from this distance in time. But certainly there were already weaknesses when catastrophe struck at midcentury.

Catastrophe came in the form of an epidemic so deadly and widespread that it has been singled out from all the regularly recurring epidemics of premodern times as the Black Death. It is obviously impossible to reconstruct the exact causes and course of this epidemic or even to tell whether plague outbreaks reported in the East had exactly the same medical descriptions as those in the West. But William McNeill, in his *Plagues and People*,²⁰ has attempted to reason backward from medical information today, and to combine this with known, but far from complete, "facts" from the earlier period.

He concludes that the bubonic plague probably broke out first in the 1320s in a Mongol-patrolled area near the Himalayas and that infectious fleas were probably carried in the saddlebags of fast-moving horsemen into south-central China. Certainly, he presents evidence, culled from Chinese yearly chronicles, that from about 1320 on, outbreaks of epidemics were reported in a series of Chinese provinces around the zone of initial infection. From China proper, McNeill contends, infected fleas were diffused to the northern steppes of Central Asia, where they attached themselves to new hosts, the burrowing rats of the plains. Since the populations exposed to the plague had little or no natural immunities to this new disease, mortalities were extremely high, especially, it would seem, among the mobile Mongol soldiers.

From that point on, the story becomes clearer, and we can actually track the spread of the disease along the well-established paths of trade by plotting the dates at which the plague was first reported in various places. Map 2, which superimposes recorded plague dates on the major trade routes of the thirteenth century, does just this. The map demonstrates a supremely ironical twist: The strengths of the system were, indeed, its undoing. Host rats infiltrated the Genoese port of Caffa on the Black Sea, probably from the Mongol forces that were besieging the Italians there. The rats then boarded ships that were returning to the Mediterranean, leaving plague-infected fleas at each of their ports of call. By midcentury, the major centers of trade had all experienced very heavy die-offs, almost proportional to their importance.²¹

Wherever it struck, the plague had long-lasting effects, since outbreaks

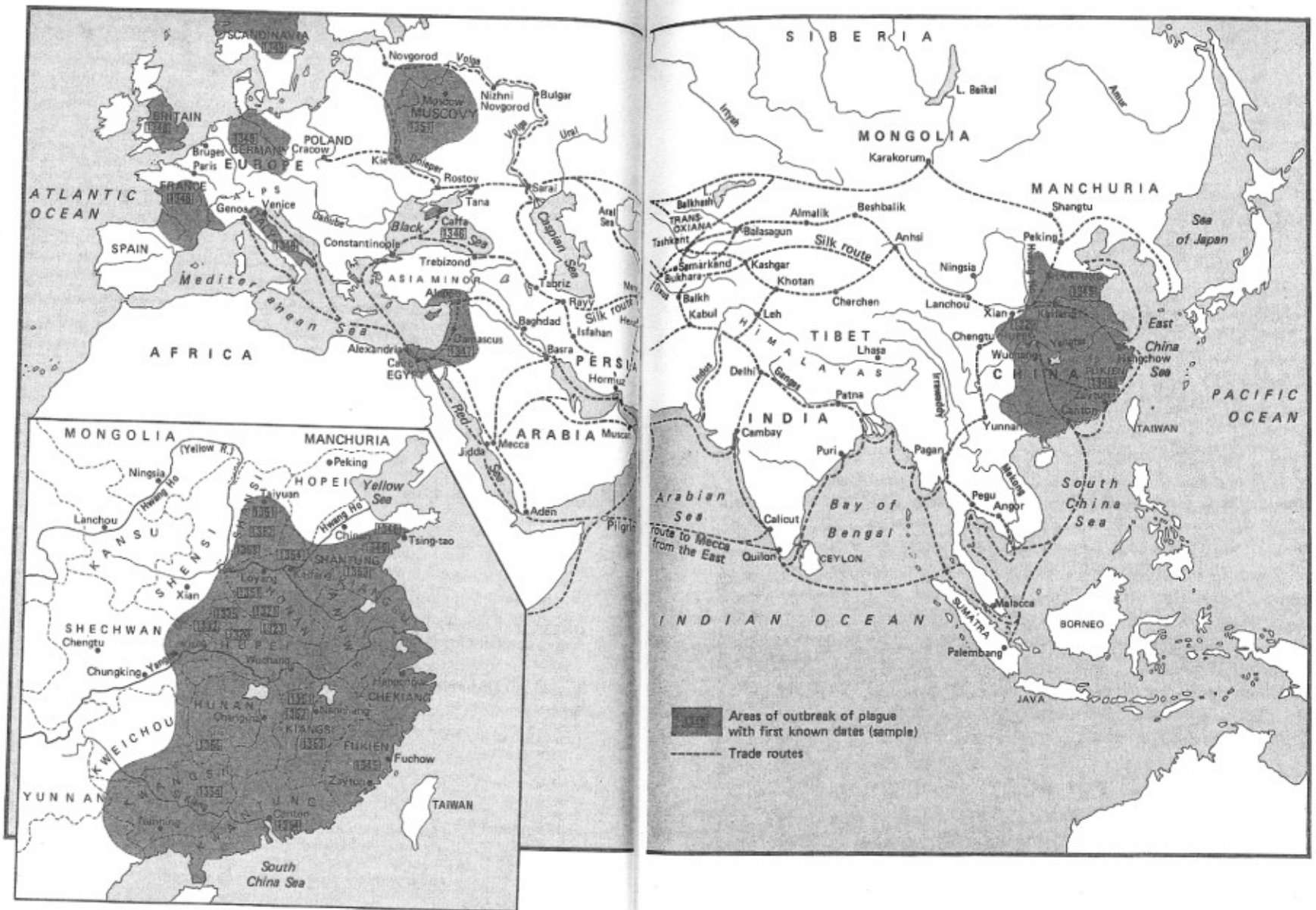
recurred throughout the rest of the century. But the effects on, and of, depopulation were not at all uniform. The plague stirred the pot of social change, but not in the same way everywhere. First, places that were off the path of international trade suffered lower casualties than those that were central to the trade. England and Scandinavia, for example, had lower proportional mortalities than China, Egypt, or Italy. Second, the mortality rates were higher in cities than in the countryside. These differential mortalities to some extent altered the future "life chances" of various countries and the relative "bargaining power" of peasants versus city folk.

The disturbance to local power structures also permitted political changes that might not have occurred in the absence of the plague, although the effects were not uniform. In Europe, it is acknowledged that the ensuing labor shortage strengthened the hands of workers and yeomen and decisively ended the remnants of serfdom. In contrast, similar die-offs in Egypt had no such effect; there was a change in regimes at the top, but the new set of Mamluk rulers never reduced their pressures on the peasants. In China, however, the political effects were dramatic and had wide-reaching consequences.

The Ming Rebellion, accomplished by 1368, deposed the Yuan Dynasty that had been established after the time of Mongol conquest and replaced it by an indigenous Chinese dynasty. I suspect that the timing was not unrelated to the high plague casualties among the "foreign" military troops that enforced Yuan rule. While the results may have been favorable for Chinese "home rule" and autonomy, they were less advantageous to the world system, since the success of the rebellion once again split off China from Central Asia. Thomas Barfield argues that throughout history there was constant tension along the shifting frontier between the tribal groups of Central Asia and the settled population of China. Only once were the two regions unified politically, and that was in the thirteenth century and first half of the fourteenth century, when China was ruled by the Mongols.²²

I am tempted to conclude that the thirteenth-century world system had benefited greatly from this union, since it facilitated the free flow of trade in a circuit completed by the Chinese "loop." When this connection broke down, as it did after the Ming Rebellion in the late fourteenth century, its lapse further undermined the viability of the world system as it had previously been organized.

The change in the Chinese regime had one other consequence of great significance: the collapse of the Chinese navy,²³ although that did not occur decisively until more than fifty years later. Chinese attitudes toward trade and the importance of maintaining naval strength were subjects of heated debate in the new dynasty. Some within the palace favored withdrawal from the world system to mend conditions internally. Others



MAP 2. The congruence between trade routes and the spread of the Black Death circa 1350. From Janet Abu-Lughod, *Before European Hegemony: The World System A.D. 1250-1350*. Copyright © by Oxford University Press, Inc. Reprinted by permission.

stressed the importance of maintaining an appearance of strength in the outside world. Among the latter was the admiral of the fleet, Cheng Ho, who from the early 1400s headed several expeditions of Chinese "treasure ships" (in convoys containing sixty or more vessels) that paraded through the Indian Ocean, stopping at all important ports.²⁴

But these displays were eventually halted in the 1430s. After a few naval skirmishes had been lost, palace policy switched to Cheng Ho's opponents. Although the reasons for this reversal of policy remain shrouded in mystery and enigma, and scholars are far from agreeing on an explanation, the results were clear and disastrous for the prospects of continued Asian independence. The ships were ordered into port and deactivated. Within five years, according to Lo's careful research (cited earlier), the wooden ships had rotted and could not be easily repaired.

The significance of the Chinese withdrawal from the sea cannot be overestimated. The disappearance from the Indian Ocean and South China Sea of the only large and armed Asian navy left that vast expanse defenseless. When the Portuguese men-of-war, following the new pathway opened around the tip of Africa by Vasco da Gama's exploratory journey, finally breached the zone in the early decades of the sixteenth century and violated the "rules of the game" of mutual tolerance that had prevailed in that region for a thousand years, there was no one to stop them.

The rest is, as they say, history. The Portuguese proceeded to impose a harsh system of "passes" to extract protection fees from the unarmed Arab and Indian merchant ships that still carried the trade. Through their military arms, the Portuguese initiated the process of imposing a system of European hegemony over regions that had formerly been wealthy and vital. Successive European naval powers, the Dutch and then the British, followed along paths opened by the Portuguese to subjugate vast portions of the Indian Ocean arena and to establish their own plantations and factories to produce the spices and textiles they had long sought from the East.

It should come as no surprise that Holland and England eventually became the new cores of the "modern" world system. My argument, put simply, is that the "fall of the East" preceded the "rise of the West" and opened up a window of opportunity that would not have existed had matters gone differently.

The second question we must address is whether the later success of western Europe in a newly reorganizing world system was exclusively caused by the particular form of capitalism that developed there, or whether capitalism, under the protection of militarily powerful and more centralized nation-states, was able to take advantage of the windows of opportunity created not only by the collapse of the East but by the chance to exploit the "free resources" available in the New World? There is no way to resolve this controversy, and many historians and social thinkers, beginning

with Karl Marx and Max Weber, have expended enormous effort in their attempts to add voices to the ongoing debate.

In what follows I present my own position and indicate in what ways my understanding of the thirteenth-century world system has contributed to that position. I do not believe that the Western invention of a particular variation of capitalism predetermined European hegemony from the sixteenth century on. The fact that a highly sophisticated world system—one that was equally as advanced both in economic and social "technologies"—predated the "modern" one casts doubt on the unique contributions of European capitalism. Because no uniformity prevailed with respect to culture, religion, or economic institutional arrangements in that earlier system, it is very difficult to accept a purely "cultural" explanation for Europe's later dominance. No particular culture seems to have had a monopoly over either technological or social inventiveness. Neither a unique syndrome of psychology nor a special economic form of organizing production and exchange (*pace* Marx) nor any particular set of religious beliefs or values (*pace* Weber) was needed to succeed in the thirteenth century. The fact that the West "won" in the sixteenth century, whereas the earlier system aborted, cannot be used to argue convincingly that *only* the institutions and culture of the West *could have succeeded*.

Indeed, what is noteworthy in the world system of the thirteenth century is that a wide variety of cultural systems coexisted and cooperated and that societies organized very differently from those in the West dominated the system. Christianity, Buddhism, Judaism, Confucianism, Islam, Zoroastrianism, and numerous other sects, often dismissed as pagan, all seem to have permitted and indeed facilitated lively commerce, production, exchange, risk taking, and the like. Similarly, a variety of economic systems coexisted in the thirteenth century—from "near" private capitalism, albeit supported by state power, to "near" state production, albeit assisted by private merchants. Moreover, these variations were not particularly congruent with either geographic region or religious domain. The organization of textile production in southeast India was not dissimilar from that in Flanders, whereas in China and Egypt larger-scale coordination was more typical. The state built boats for trade in both tiny Venice and vast China, whereas elsewhere (and even at different times in Genoa, China and Egypt) private vessels were commandeered when the state needed them.

Nor were the underlying bases for economic activities uniform. Participating in the world system of the thirteenth century were large agrarian societies such as India and China that covered subcontinents, in which industrial production was oriented mainly, although not exclusively, to processing agricultural raw materials. There were also small city-state ports such as Venice, Aden, Palembang, and Malacca, whose functions are best described as compradorial. In places as diverse as South India, Cham-

pagne, Samarkand, the Levant, and ports along the Persian Gulf, their importance was enhanced by their strategic location at points where flanking traders met. Other important places contained valued raw materials unavailable elsewhere (fine-quality wool in England, camphor in Sumatra, frankincense and myrrh on the Arabian peninsula, spices in the Indian archipelago, jewels in Ceylon, etc.) These resources did not account for the world system; they were products of it.

The economic vitality of these areas was the result, at least in part, of the system in which they participated. It is to be expected, then, that in the course of *any restructuring* of a world system, such as occurred in the sixteenth century, new places would rise to the fore. We have already suggested that part of that restructuring occurred in Asia and could be partially traced to a complex chain of consequences precipitated (but not "caused") by the Black Death. But, in the long run, the Europeans' ability to sail across the Atlantic must be judged even more important than their circumnavigation of Africa.

As we pass the five-hundredth anniversary of Columbus's voyage, it is important to recall its ultimate significance. It displaced the Mediterranean decisively from a core focus of trade, thus precipitating a long-term marginalization of the Middle East, reduced the relative indispensability of the Indian Ocean arena, and provided the nascent developing nations of western Europe with the gold and silver they needed, both to settle the long-standing balance-of-payments deficits with the East and to serve as the basis for a rapid accumulation of capital. This capital accumulation process, deriving "free resources" from conquered peripheries, eventually became the chief motor of European technological and social change.

While this story lies beyond the period covered in this essay, it is an appropriate point on which to conclude this section. Capitalism, in the form that took shape in Europe in the seventeenth and eighteenth centuries and, even more so, in the nineteenth, might not have "taken off" so dramatically had the shape of the world system not been transformed in the sixteenth century. That is why the study of the world system that preceded it is so important. It helps us to put the truly world-transforming developments of the sixteenth century in perspective and to give a more balanced account of the relationship between capitalism and the "rise of the West."

*Historical Perspectives on the World*²⁵

Only recently have historians begun to take this more global view. Fernand Braudel's magnum opus, *Civilization & Capitalism, 15th-18th Century*, marked a major departure in historical writing. It signaled a shift from

what might be called "world" history to a somewhat different approach that I call "global" history. That shift is captured especially aptly in the title of Braudel's third volume, *The Perspective of the World*.²⁶ Volume 1, *The Structures of Everyday Life*, is devoted primarily to the everyday life of Europeans. Volume 2, *The Wheels of Commerce*, begins to stretch out beyond Europe by recognizing the commercial connections whose profits sustained the European system. But Volume 3, in my opinion, constitutes the true breakthrough, in that its problematic shifts from a focus on disparate places (although not unconnected to other places) to a focus on the *linkages among* places and the systematic nature of those linkages. It is this that I call global, rather than world, history.

The difference between world and global histories is best grasped by contrasting Braudel's third volume with an earlier set of books that perhaps established the benchmark and model for world histories—Arnold Toynbee's ten volumes, collectively entitled *A Study of History*, published between 1947 and 1957.²⁷ Toynbee took as his unit of analysis an object called "civilizations" and proceeded to explore, in parallel fashion and separate volumes, the rise and fall of specific cultural-geographic entities sufficiently complex and advanced to be called civilizations. True, such civilizational histories were embedded within a comparative time frame (an enterprise most fully realized in the great Wall Chart, a diagram showing parallel chronologies of "history" for various parts of the world) and recognized the influences that "others"—antecedent in time or adjacent in space—had in shaping each individual civilization. But Toynbee's major project was to derive temporal patterns for the origin, growth, maturation, and decline of the various civilizational entities, thus laying bare certain common principles and processes of civilizational change. Such common principles were to be found by studying the parallels in the individual cases, from which might be deduced some intrinsic "laws" of evolution and devolution.²⁸ Thus, "world history" was constructed by placing into a mosaic of time and space the composite histories of its constituent parts.

To some extent, Philip Curtin's *Cross-Cultural Trade in World History*²⁹ followed in the Toynbeean tradition. Instead of trying to construct a global history—if only in one civilizational aspect, long-distance trade—Curtin sought commonalities and principles in that recurring phenomenon. But to study long-distance trade immediately required that special attention be paid to the linkages *among* entities; no longer could one focus attention primarily on the coherence and development of each entity in a relative vacuum. In this sense, Curtin stretched *toward* global history, even though the separate chapters in his book addressed different regional "subsystems" of trade and skipped from one historical period to another. He made no attempt, however, to link these systems together along a single chronological line.

Similarly, William McNeill's *Plagues and Peoples* draws selectively on various times and places where cross-cultural contacts have led, inter alia, to the catastrophic spread of infectious disease, as well as to more desired objects of interchange.³⁰ In this enterprise, McNeill, like Curtin, concentrates, not on the geographic entities over time, but on the effects that linkages among them have had on mortality rates and population fluctuations. In his theory, such fluctuations are the "prime movers" of large-scale societal change. And interestingly enough, the epidemiology of demographic disasters in itself becomes a way for him to trace newly forged geographic linkages. Implicit in McNeill's analysis in *Plagues and Peoples* is the idea of systems and subsystems, which for his purposes he defines as "disease pools."

Two works in which a more global "perspective on the world" begins to be taken are Eric Wolf's *Europe and the People without History*³¹ and, of course, Immanuel Wallerstein's path-breaking introductory volume, *The Modern World System*, which, when it first appeared in 1974, placed a very different optic on the study of global history.³² It may be significant that neither of these authors is, in the strict sense of the term, a historian. Wolf is an anthropologist and Wallerstein is a sociologist. Both are part of a "new breed" of historically oriented macrosocial scientists³³ who seek *patterns* in history—patterns both in human behavior and in social and geographic systems.

Wolf's analytical survey of the "people without history" focuses on societies of the "non-Western" world whose achievements and vital interchanges have remained in shadow and unspoken for (at least in Western-language accounts), as Western historians shaped a highly selective and perspective-specific historical narrative of "world history." He rightly accuses Western scholars of either ignoring or speaking for "the others," whose perspectives have generally been ignored.

Wallerstein also is concerned with the distortions in global history that can arise from a failure to pay attention and give voice to those societies outside the dominant narrative of history constructed by Western scholars. Nevertheless, his account still portrays these other societies primarily from the perspective of western Europe. In his analysis he stresses how the fates of regions located in the semi-periphery and periphery of the evolving modern world system were linked to developments at the European core.³⁴ Moreover, in order to avoid the error of "blaming the victim," that is, attributing Third World developmental failures to essential flaws in "national character," he sometimes errs in the opposite direction. He tends to argue that the explanations for their different (and generally poor) trajectories in the modern period are to be found, not so much in internal causes, as in the relationships these regions had to the core regions of

northwestern Europe which, from the sixteenth century onward, gradually dominated them.

In this, Wallerstein follows the earlier approach of Andre Gunder Frank, first expressed in his "The Development of Underdevelopment,"³⁵ which emphasized the thesis that Western domination actually *created* underdevelopment. Rather than attribute present-day backwardness to internal causal factors within Third World countries, he blamed the colonial powers for de-developing peripheral regions. Some ten years later, Frank applied his approach to a broader temporal scope in an early attempt to write global history, *World Accumulation, 1492-1789*.³⁶ He is currently involved in writing a *global* history of what he contends is a single world system that has persisted for some five thousand years.³⁷ This may well prove to be a much too ambitious project. Although it is certainly true that there are no absolute discontinuities in the history of the world *in real time* (how could there be, when the world itself has continued to exist?), that does not mean that historians should not try to locate logical time brackets for their work. Every discipline, indeed, needs to set cutoff points for attention; otherwise there is no way to handle the material, to distinguish the subject from the big buzzing booming world of potential inclusion. Accepting conventional time brackets does have its costs, however, because *where* one chooses to pick up the threads of the narrative introduces its own biases and blind spots, as the first part of our essay has demonstrated.

An approach similar to that of Wallerstein and Frank can be found in Lefton Stavrianos's impressive *Global Rift*,³⁸ one of the few books written by a practicing historian, as opposed to a generalist social scientist, which tries to trace the incorporation of other regions of the world into the "modern world system" dominated by the West. Stavrianos acknowledges his indebtedness to Wallerstein, but has set for himself a somewhat different agenda. Despite the fact that Stavrianos follows a rough chronological order, his book is not a global history so much as an episodic account that switches from region to region as each zone shifts its relationship to the core, which is always western Europe during its colonial-imperial development. Therefore, although it takes a sympathetic view of the Third World vis-à-vis the West, the work is no less Eurocentric than studies whose sympathies lie with the victors. To my mind, however, his attempt makes a most useful contribution to the writing of global history, even though specific sections of the more than eight-hundred-page survey can be individually critiqued.³⁹

For most Western scholars, the preoccupation, in one way or another, has been determinedly with the West, even when placed in relation to the rest of the world. The chief problematic for these scholars has been to account for the "unchallenged" hegemony of western Europe from the

sixteenth century onward. Because their accounts (see, for example, the works of E. L. Jones, Michael Mann, and Robert Brenner)⁴⁰ tend to focus on internal developments or emphasize the special "genius" of Western societies, they are less satisfying than those of Wallerstein and Stavrianos, both of whom acknowledge more explicitly the stimuli to growth and development that Europe's imperial reach provided.

Almost all the works mentioned thus far follow, more or less, in the footsteps of William McNeill's *The Rise of the West*,⁴¹ albeit with perhaps different theories and values, in that they concentrate primarily on the time period after 1400. All, therefore, are engaged chiefly in tracking the upward trajectory of Western culture and society from its regressed and abnormally low point in the fifteenth and early sixteenth centuries. The time periods they cover coincide with the era in which early European capitalism was getting under way, in which Western technology was advancing exponentially, and during which western European countries were gradually establishing their hegemony over larger and larger portions of the globe, drawing new and old societies alike into their orbit. It should not surprise us, then, that they should weave all these factors into a causally explanatory narrative in which the rest of the world figures only as background or as passive raw material, to be extracted and shaped according to Western will.

For many years I had been uncomfortable with that narrative. I was familiar enough with non-Western history⁴² to know that before Europe's rise to world dominance, there had existed earlier Eastern civilizations whose achievements had far surpassed those of fifteenth- and sixteenth-century Europe. Indeed, even after the "discovery" of the "new world" by Europeans, such places, which included the Middle East, the Indian subcontinent, and China, continued to rival Europe in wealth and culture.

Certainly, Western historians were not ignorant of this, or could easily have dispelled such ignorance if they so chose. On the Middle East they had available the two relevant volumes of Marshall Hodgson's magisterial *The Venture of Islam*,⁴³ and on other parts of Asia, there were the voluminous Cambridge histories covering the Indian subcontinent. One can also single out the excellent books by K. N. Chaudhuri, which detail the high levels of culture and commerce in the Indian Ocean before the mid-eighteenth century.⁴⁴ And for an appreciation of Chinese achievements in science, there were the incredible works of Joseph Needham, and on commerce and trade, those of Mark Elvin and Yoshinobu Shiba.⁴⁵ Only by taking such works seriously will it be possible to de-center Western historiography and create truly global history.

The Advantage of Global History

We have tried to demonstrate that taking a global perspective in the writing of history leads to a very different kind of analysis than writing world history as a simple "additive process" that studies the rise and fall of different civilizations as if they were relatively independent of one another.

It is very easy to see the need for global history in today's world, which some have even called a global village. Today we are very much aware of the worldwide repercussions of localized events (e.g., the Iraq-Kuwait border conflict or the rapid, almost instantaneous, effects of fluctuations in the stock markets of New York, London, and Tokyo). It is hard to interpret events in any part of the world today without taking into consideration how such events may have been precipitated by wider forces or without tracing their wider ramifications.⁴⁶

In this essay I have argued that the global village is not an entirely new phenomenon. Historians need a perspective on the world, not only to understand today's events, but those of the past thousand years.

NOTES

1. As every economist knows, in cyclical events it matters very much where one starts the data series and for how long one plots the data entries. Selecting the lowest point of a given "trend" as the initial entry cannot help but show "improvement," whereas on a longer trend this might appear as a small blip on an otherwise long-term downward secular trend. I began to suspect that there had been an unconscious bias that to some extent made the uniqueness of the miracle of the West an artifact, especially with respect to the past, albeit not with reference to the future.

2. In the course of my five years of research, I traveled to almost all the areas that were of central importance to what I came to define as the thirteenth-century world system in order to examine sites and explore local documentation. I also consulted a voluminous body of published primary and secondary sources. While, ideally, such a study should have taken a lifetime of scholarship, I saw my project as creating a synthesis of existing materials, albeit from a different perspective, in the hope that other scholars would not only fill lacunae in our knowledge but reevaluate their own findings in the context of the world system.

3. My conclusions were eventually incorporated into Janet Abu-Lughod, *Before European Hegemony: The World System A.D. 1250-1350* (New York: Oxford University Press, 1989). Several articles appeared somewhat before the book was completed: a preview of the thesis written in 1986, "The Shape of the World System in the Thirteenth Century," *Studies in Comparative International Development* 22 (Winter 1987-88): 1-25; as well as "Did the West Rise or Did the East Fall?" paper presented at the 1988 meetings of the American Sociological Association. The book was followed by "Restructuring the Premodern World-System," *Review* 13 (Spring

1990): 273–86, which critiques a mechanical application of world systems theory and tries to take it a bit further by making it a variable, rather than a constant. Four distinct “cycles” of world-system organization are set forth: a classical period one, between roughly 200 B.C. and A.D. 200; a medieval period, between roughly A.D. 1200 and A.D. 1450; a modern period, between roughly 1500 and 1914; and the “postindustrial” period in which we now find ourselves.

4. The following section of this essay depends heavily on portions of my larger and more detailed text, but it cannot substitute for the complete work. In this brief summary it is not possible to include the complex evidence presented in the complete version, to which the reader is referred.

5. For an excellent study of this period, see Perry Anderson, *Passages from Antiquity to Feudalism* (London: Verso, 1974; reprinted 1978).

6. See, for example, the work of George Hourani, *Arab Seafaring in the Indian Ocean in Ancient and Early Medieval Times* (Princeton: Princeton University Press, 1951).

7. The iron and steel production of the Sung Dynasty in the eleventh century exceeded that of England during the early industrial age. See Robert Hartwell, “A Revolution in the Chinese Iron and Coal Industries during the Northern Sung, 960–1126,” *Journal of Asian Studies* 21 (1962): 153–62; and his “Markets, Technology, and the Structure of Enterprise in the Development of the Eleventh-Century Chinese Iron and Steel Industry,” *Journal of Economic History* 26 (1966): 29–58.

8. An amazing account of the sophisticated business practices of Arab producers and traders (especially in Baghdad) can be found in Abraham Udovitch, *Partnership and Profit in Medieval Islam* (Princeton: Princeton University Press, 1970). It is clear from this document that many of the innovations in credit, corporate organization, risk equalization, and legal contracts that are usually invoked to compliment western ingenuity and the “genius” of the Italians were actually learned from their Arab trading partners after the Crusades had put the two in closer contact.

9. Europe traditionally ran a trade deficit with the more-developed economies of the Middle East and India, a deficit it met by exporting silver and even gold bullion. The deficit existed because Europe demanded more goods from the East than the Orient wanted from Europe.

10. One of the comparative advantages the fair towns had hitherto had was that they could offer “special” arrangements to traveling merchants; once they came under monarchy control, they lost this right to extend special privileges.

11. The finest study of this period is Frederic C. Lane’s wonderful book, *Venice: A Maritime Republic* (Baltimore: Johns Hopkins University Press, 1973). The sources on Genoa are less rich, but see E. H. Byrnc, *Genoese Shipping in the Twelfth and Thirteenth Centuries* (Cambridge, Mass.: Mediaeval Academy of America, 1930), for a fine account of Genoese skills in shipbuilding and financing.

12. Jewish trader families from Baghdad and Cairo had early on figured prominently in this trade, but by the thirteenth century, their Muslim compatriots had essentially displaced them. The work of S. N. Goitein is particularly relevant on this point. See, for example, his “From Aden to India: Specimens of the Corre-

spondence of India Traders of the Twelfth Century,” *Journal of the Economic and Social History of the Orient* 22 (1980): 43–66; as well as his “Letters and Documents on the India Trade in Medieval Times,” *Islamic Culture* 37 (1963): 188–203.

13. Both quotations appear, along with their citations, in Abu-Lughod, *Before European Hegemony*, p. 291. The original source is *The Suma Oriental of Tomé Pires*, ed. A. Cortesão, 2 vols. (London: Hakluyt Society, 1944).

14. Srivijaya was a purported “kingdom” whose exact nature and location (probably on Sumatra) remain surprisingly opaque and mysterious. Without offering a coherent alternative description, most scholars now discount what were earlier considered to be the definitive works by O. W. Wolters. See his *Early Indonesian Commerce: A Study of the Origins of Srivijaya* (Ithaca, N.Y.: Cornell University Press, 1967) and *The Fall of Srivijaya in Malay History* (Ithaca, N.Y.: Cornell University Press, 1970). Before the founding of Malacca in the fourteenth century by a putative “prince” from Palembang, the latter was Srivijaya’s capital and presumably the most important port in the strait. Long-standing connections between India and both Srivijaya and Indonesia are obvious from the nomenclatures and are supported by epigraphic and archaeological evidence.

15. India’s gossamer cotton textiles had been much sought after in classical Rome and continued to draw customers throughout the Middle Ages. Since, traditionally, others had wanted Indian products more than India had markets for their exported goods, the balance of payments was always in India’s favor. Gold from elsewhere, therefore, tended to accumulate in India and remain there. The best sources on this eastward flow of bullion are Artur Attman, *The Bullion Flow between Europe and the East, 1000–1750* (Göteborg: Kungl. Veternskaps-Och Vitterhessamhället); and the more accessible John F. Richards, ed., *Precious Metals in the Later Medieval and Early Modern Worlds* (Durham, N.C.: Duke University Press, 1983). The rapid inflation in Europe during the early modern period has been attributed to this imbalance of payments in international trade.

16. See, for example, William McNeill, *The Pursuit of Power: Technology, Armed Force and Society since A.D. 1000* (Chicago: University of Chicago Press, 1982), which makes a stunning case for China’s preeminence in the premodern world system.

17. The studies by Jung-Pang Lo prove this conclusively. See his “China as a Sea Power, 1127–1368,” Ph.D. diss., University of California, Berkeley, 1957, as well as related articles that summarize his thesis: “The Emergence of China as a Sea Power During the Late Sung and Early Yuan Periods,” *Far Eastern Quarterly* 14 (1955): 489–503; and “Chinese Shipping and East–West Trade from the Tenth to the Fourteenth Century,” in *Sociétés et compagnies de commerce en l’orient et dans l’Océan Indien* (Paris: S.E.V.P.E.N., 1970), pp. 167–74.

18. See K. N. Chaudhuri, *Trade and Civilisation in the Indian Ocean: An Economic History from the Rise of Islam to 1750* (Cambridge, England: Cambridge University Press, 1985), as well as its companion volume, *Asia before Europe: Economy and Civilisation in the Indian Ocean from the Rise of Islam to 1750* (Cambridge, England: Cambridge University Press, 1990), which, alas, appeared too late for me to use in preparing my 1989 book.

19. One can think of “passes” as written proof that protection money had

developments, even tho of such developments fi study of state breakdow internal developments v linkages. See his *Revolu* Los Angeles: University

41. William McNe (Chicago: University of

42. Although my c historical research first t to have the patterns it c *Cairo: 1001 Years of the C* I came to recognize th Egypt's fate. These insi African cities, *Rabat: U* Press, 1980).

43. Marshall Hod, Press, 1974). This worl Nevertheless, the litera suggests. For a good in Joan Spencer (Amsterd

44. See Chaudhu *Asia before Europe*.

45. See, for exar 6 vols. (Cambridge, E *Traditional China: A Co* Press, 1985); and *Clerk on the History of Science* sity Press, 1970). On *Commerce and Society i* Michigan Center for (*Chinese Past* (Stanford,

46. For example, was undoubtedly *facili*

already been paid to the Portuguese. A "pass" gave a ship presumed immunity from confiscation or destruction *by the Portuguese*, which sounds like extortion to me.

20. William McNeill, *Plagues and People* (Garden City, N.Y.: Anchor Books, 1976).

21. The only area for which I was unable to locate documentation about a particularly virulent epidemic at that time was India. Whether this is because scholars have not yet found the evidence or whether the Indian population already had gained some immunity from prior outbreaks cannot be determined.

22. Thomas Barfield, *The Perilous Frontier* (New York: Basil Blackwell, 1990).

23. See, inter alia, Jung-Pang Lo, "The Decline of the Early Ming Navy," *Extremus* 5 (1958): 149–68, for information on the early decline and eventual precipitous collapse of the Chinese fleet.

24. On Cheng Ho's expeditions, see Paul Pelliot, "Les grands voyages maritimes Chinois au début du XVe siècle," *T'oung Pao* 30 (1933): 235–455, a careful work based on primary sources.

25. While this section surveys some of the literature on world-global history, it makes no pretense to constituting an annotated bibliography, nor is it an exhaustive or even carefully ranked description of the relevant literature. I have omitted many important works and focus on some about which scholars may feel ambivalent. My principle of selection has been simple. I have singled out a few works with which I am most familiar that seem to me to exemplify different logics in approaching more synthetic, wider-ranging, and comparative histories whose object is broadly conceived as "the world," even though none claims to be all inclusive of everything in the world.

26. Fernand Braudel, *Civilization & Capitalism, 15th–18th Century*, trans. Sian Reynolds, 3 vols. (New York: Harper & Row, 1982–84).

27. Arnold Toynbee, *A Study of History*. 10 vols. (New York and London: Oxford University Press, 1947–57).

28. When carried to its logical extreme, this approach leads to a rather mechanical and even a tragically inevitable metaphor of cycles, in which each advance in sophistication plants the seed for its own destruction. The views of Ibn Khaldun, Vico, and much later, Spengler come to mind here.

29. Philip D. Curtin, *Cross-Cultural Trade in World History* (Cambridge, England: Cambridge University Press, 1984). This book selects moments and places when, in the long course of world history, long-distance trade flourished among very different civilizations. Curtin then tries to tease out of these parallel cases some basic processes and principles of organization.

30. William McNeill, *Plagues and Peoples*.

31. Eric R. Wolf, *Europe and the People without History* (Berkeley and Los Angeles: University of California Press, 1982).

32. Three volumes of this still expanding work have appeared thus far. They are *The Modern World System I* (New York: Academic Press, 1974); *The Modern World System II* (New York: Academic Press, 1979); and *The Modern World System III: The Second Era of Great Expansion of the Capitalist World-Economy* (New York: Academic Press, 1989). Only the first volume may be said to have influenced Wolf. It is hard to disentangle the direction of the relationship between *The Modern World*

System and the work of Fernand Braudel because the association of Wallerstein with Braudel was so close. Wallerstein certainly credits the latter as mentor, and the research center at the State University of New York, which Wallerstein founded and continues to direct, is named in honor of, and to acknowledge his indebtedness to, the now-deceased French scholar.

33. Among these, one might list for illustrative, not invidious, purposes, Charles Tilly, Christopher Chase-Dunn, Robert Brenner, Andre Gunder Frank, Daniel Chirot, Michael Mann, Perry Anderson, and myself. Earlier precursors might include such luminaries as Max Weber, Werner Sombart, and Pitrim Sorokin.

34. This Eurocentric perspective probably cannot be overcome entirely. It is inevitable that the "perspective" from which one views the world will shape the questions one asks of history, and that events will be singled out for attention because the writer judges them to have had important consequences for his or her own society. One might make a distinction, however, between this and the type of biased dismissal of the achievements of others that constitutes ethnocentrism, a far greater flaw in historical writing.

35. Andre Gunder Frank, "The Development of Underdevelopment," *Monthly Review* 18 (1966): 17–31.

36. Andre Gunder Frank, *World Accumulation, 1492–1789* (New York: Monthly Review Press, 1978).

37. Much of Andre Gunder Frank's new material is still being circulated in mimeographed form, although some parts have begun to see print. See, for example, his review essay of my book, *Before European Hegemony*, in "A Thirteenth-Century World System: A Review Essay," *Journal of World History* 1 (Fall–Winter 1990): 249–56; his "A Theoretical Introduction to Five Thousand Years of World System History," in *Review* 13; and the most extensive report on his work thus far, which appeared in "A Plea for World System History," *Journal of World History* 2 (Spring 1991): 1–28. I have attempted to evaluate the advantages and disadvantages of periodizing world system history in a paper presented at Harvard University to a Conference on Moghuls, Safavids and Ottomans. See "Discontinuities and Persistence: One World System or a Succession of Systems?"

38. Lefton S. Stavrianos, *Global Rift: The Third World Comes of Age* (New York: Morrow, 1981).

39. It is not quite global, since it tends to ignore the impact on the colonizing states of their conquests. Taken together with the works of Eric Hobsbawm, especially his *The Age of Empire: 1875–1914* (New York: Pantheon Books, 1987), however, a reader can reconstruct the interrelationship between colonizing and colonized states in the nineteenth century.

40. Robert Brenner, "The Origin of Capitalist Development: A Critique of Neo-Smithian Marxism," *New Left Review* 104 (July–August 1977): 25–92; E. L. Jones, *The European Miracle*, 2nd ed. (Cambridge, England: Cambridge University Press, 1987); Michael Mann, *The Sources of Social Power I: A History of Power from the Beginning to A.D. 1760* (Cambridge, England: Cambridge University Press, 1986), and his *States, War and Capitalism* (Oxford, England: Basil Blackwell, 1988); and even to some extent Charles Tilly, *Coercion, Capital and European States, A.D. 990–1990* (New York: Basil Blackwell, 1990). All tend to concentrate on intraregional