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TREES, TENURE AND CONFLICT: RUBBER IN COLONIAL BENIN

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ABSTRACT. Tree crops have changed land tenure in Africa. Farmers have acquired more permanent, alienable rights, but have also faced disputes with competing claimants and the state. I show that the introduction of *Para* rubber had similar effects in the Benin region of colonial Nigeria. Farmers initially obtained land by traditional methods. Mature farms were assets that could be sold, let out, and used to raise credit. Disputes over rubber involved smallholders, communities of rival users, would-be migrant farmers and commercial plantations.

1. INTRODUCTION

Secure and well-defined property rights promote economic growth (Acemoglu and Johnson, 2005; North and Thomas, 1973). In particular, property rights over land shape investment (Goldstein and Udry, 2008), labor supply (Field, 2007), long term policy outcomes (Banerjee and Iyer, 2005), the environment (Libecap, 2007), and violence (André and Platteau, 1998). Within Africa, land tenure is becoming more consequential over time as population growth makes land more scarce, as farming systems evolve, and as markets in land have become increasingly widespread (Holden et al., 2009). It is important, then, to know how land tenure evolves in response to new technologies.

In this paper, I explain how the introduction of Brazilian *Para* rubber transformed land rights and land disputes in the Benin region of Nigeria during the colonial period from 1897 to 1960. I find that the introduction of rubber increased farm sizes and encouraged both sale and rental markets. The commercialization of land was gradual and not universally accepted. Rubber led to conflicts within communities and between members of local communities and outsiders, including migrants and commercial planters. These disputes were embedded within local politics and social relations.

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Rubber shaped land tenure through two channels. First, it is a cash crop that, if marketable, raises the value of land relative to labor. Second, as a tree crop, the returns to investment in rubber are deferred and the lifespan of the farm may exceed thirty years, making it unavailable for other uses. Together, these create pressure for division and increase the value of successfully contesting rights. The changes that occur and the disputes that arise, however, depend on local context. Individualization of land is only one possible response. Communities may tighten access to the commons, let it become open access, or divide it in one of several ways (Platteau, 2000). The outcome will depend on whether the costs of division are high, social capital is weak, adaptability is limited, the benefits are distributed unequally, or the state intervenes to aid certain interests. Rental transactions generate intra-family tensions, but their meaning is generally agreed upon (Colin and Woodhouse, 2010). The meanings of sale transactions are more contested. Kin and heirs will dispute sales if they are not consulted, and sales are later re-interpreted by the parties involved. Land markets, as a result, remain “embedded” in politics and society.

I contrast Benin with other studies of tree crops in Africa. As in these cases, rubber in colonial Benin encouraged sale and especially rental transactions, as well as sharecropping arrangements between peasant farmers and migrant rubber tappers. Sale in particular was not universally accepted, and these transactions created tensions within communities. Both types of dispute were embedded in other relationships. There are, however, several differences. Notably, since the bulk of migrants in the rubber industry were itinerant tappers, rather than settler farmers, the extent of conflict with Nigerians from outside Benin was limited.

I rely on oral, archival, and printed colonial sources. While my focus is on the former Benin Kingdom, I draw on the experiences of other rubber-producing areas of the former Bendel State, especially Ishan (Esan) and Warri. My archival sources are taken from the United Kingdom and Nigeria, and consist mostly of government reports, correspondence, and court transcripts of land disputes.¹ I also use 57 semi-structured interviews with former farmers, rubber tappers, traders, and laborers who were active in the rubber industry during the late colonial period as sources.² Finally, I am able to rely on a handful of printed reports and other secondary sources for information and context.³

¹Specifically, I rely on records taken from the National Archives of the United Kingdom (NAUK) in Kew, the National Archives of Nigeria in Ibadan (NAI), and from the archives of the Oba's Palace in Benin City (OPA).

²These interviews were conducted between 2008 and 2009 by myself, Joseph Ayodokun, Monday Egharevba and Amen Uyigue. These were conducted in Edo, English, Ibo, Kwale, Pidgin, and Urhobo, with the help of interpreters. English transcripts of these are available on request.

³Particularly valuable are: Anshel (1965), an agricultural economics dissertation on the industry as it was in the early 1960s; Blanckenburg (1963), a report for the government on rubber farmers in three villages in 1963; Bradbury (1957) and Bradbury (1973), anthropological accounts of Benin based on fieldwork conducted in 1956; Egharevba (1949), an early nationalist statement on “customary” law; Rowling (1948), a government report on land tenure in the Benin Province; Upton (1967), who surveyed eleven farmers in each of three villages in Asaba; Usuanlele (2003), a historical dissertation on deforestation in colonial

In section 2, I describe the “baseline” land tenure system of Benin. In section 3, I outline the “treatment,” giving an overview of the introduction of rubber in colonial Benin. I also describe the “control groups” that I use to identify the impact of rubber. I compare Benin before and after the introduction of rubber, I compare rubber farms against other plots, and I compare late colonial Benin with adjacent regions that did not adopt tree crops as widely. In section 4, I outline how farmers acquired land for planting rubber, and show that these terms changed over time. In section 5, I show how rubber increased the size of land holdings, the permanency of land rights, and the alienability of land. Each of these changes was uneven and faced resistance. I look at land disputes in section 6. Rubber opened up new conflicts within communities and between the people of Benin and outsiders. In section 7, I conclude.

2. RURAL LAND TENURE IN PRE-COLONIAL BENIN

In the Benin kingdom, then, where land is plentiful, the land tenure system is very simple and such control as is exercised over the land is designed to add to the numbers of the village community rather than to secure exclusive rights over its resources (Bradbury, 1973, p. 182).

Edo-speaking Benin was conquered by Britain in 1897. It became part of the Central Province of Southern Nigeria to 1914, when the position of Oba (king) was restored and the Benin Province became part of a unified Nigeria (see Figure 1). Benin was part of independent Nigeria’s Mid-Western Region (later Bendel State) from 1963 to 1991, and has been part of Edo State since then. In this section, I outline pre-colonial land tenure in Benin. As suggested by the above quotation, Edo land tenure was a reflection of the underlying abundance of land in the region (Usuanlele, 1988).

2.1. The state. In pre-colonial Benin, all land was said to be “owned” by the Oba, but in reality he had few powers over land outside Benin City. Ward-Price (1939, p. 113) commented that the “Oba of Benin is the ‘owner’ of all the land in his district, though his powers over the plots allotted to his subjects are restricted by the principles of justice and reasonableness.” Egharevba (1949, p. 77), similarly, suggested that the king’s role was that of a trustee, who could make grants of land on behalf of these people. At the West African Lands Committee (WALC) in 1912, the chiefs who testified agreed that the Oba administered land through chiefs or community heads (Rowling, 1948, p. 3).

While higher chiefs could receive services and tribute and were to be informed of the settlement of new persons, real ownership was at the village level, with the *odionwere* (senior elder) and *edion* (elders) exercising power over its use and allocation (Bradbury, 1973, p. 181). Blanckenburg (1963, p. 13) wrote that land “has long been controlled by the village head and the elders’ council.” The *odionwere* was responsible for handling

Benin, and; Ward-Price (1939), a report on Yoruba land tenure that contains a short section on Benin, based on interviews with major chiefs.

“petty or routine” land questions within the community (Ward-Price, 1939, p. 114). Each year, those holding land gave a present, generally produce, to the chief.

2.2. Rights of community members. Any member of the community could begin farming land without asking permission, so long as no one else was farming towards the same spot and it had not been farmed in roughly the past eight years (Rowling, 1948, p. 4). Plots were used in the first year of cultivation for yams and maize inter-planted in rows, and women planted other vegetables around the stumps. In the following year, land was planted with maize and cassava before it was left fallow again (Bradbury, 1973, p. 154). So long as only food crops were grown, Blanckenburg (1963, p. 15) guessed that individual families farmed between three and seven acres of land annually, according to their size. This system worked, he argued, because land was abundant. Plots were used for only two years, then left fallow for fifteen or twenty. Even as late as the 1950s, some “virgin” forest remained around two of his study villages.

The rights gained by clearing and farming were temporary. Ward-Price (1939, p. 115) wrote that most farmers cultivated for one season only and then moved to new site. When the cultivator expressed no intention to return, this extinguished any claim. He noted that families did not retain areas permanently; land for food crops was held communally, “as if the whole of the people were one large family.” Fallow land reverted to control of the community, and was not likely to be re-cleared for some years (Bradbury, 1957, p. 45). This does not imply that *farming* was communal. This did not reflect a pre-modern communal ethic, but rather the abundance of land. In 1911, the population density was estimated at only 21 per square mile.⁴

2.3. Land markets. With no permanent individual interests in land, sale markets were absent and temporary transfers such as pledging or rental were rare or nonexistent. Lugard (1914, p. 51) noted that “no individual rights exist or can exist for consideration, except such rights as may exist from clearing or cultivating the soil.” Ward-Price (1939, p. 115), similarly, suggested that crops could be sold in the ground, “but there is no idea of a ‘sale’ as regards the land.” In his study villages, Blanckenburg (1963, p. 15) was told that pledging and mortgaging of farms did happen before introduction of rubber in his villages, but sale was not allowed.

2.4. Outsiders. Edo from outside a particular community required permission of either the *Enogie* (the centrally-appointed head chief, if one existed) or *odionwere* to settle. Gifts given to these chiefs recognized their political supremacy, but were not rent for the land. Ward-Price (1939, p. 115) suggested that the *Enogie* could deny a non-Edo permission to farm without cause. For an Edo stranger, permission of the *Enogie* was needed, but would not be denied. Bradbury (1973, p. 181-182) found in 1956 that strangers who cultivated palms temporarily, settled in the villages or in neighboring “camps,” or who

⁴NAUK, CO 879/117/9-10: West African Lands Committee, Minutes of Evidence, p. 164.

wished to use land without settling were required to obtain permission from the *odionwere*. They presented him with palm wine and, in 1956, small sums of money, which he should share with the other *edion*. These gifts were only a few shillings normally, “for land [was] not a scarce commodity.” Ward-Price (1939, p. 115) wrote that, once food crops were planted by a native or stranger, the planter was secure. He could sub-let his farm, but was not permitted to sell the land if he left the community. Such land would revert to communal ownership.

2.5. Tree crops. Tree crops were a minor feature of pre-colonial tenure. Excepting a few planted kola and deliberately scattered palms, tree crops were a colonial introduction (Ward-Price, 1939, p. 116). Those that grew wild were communal, with no individual rights recognized. According to Rowling (1948, p. 9), no exclusive rights existed at all over wild produce, even on land under cultivation. Any village member could reap them. He was also allowed to plant trees wherever he could “find a suitable unoccupied spot on the land belonging to his own village area,” without permission. A non-villager Edo would need permission of the *Enogie*, who could refuse, though refusal was unlikely (Ward-Price, 1939, p. 116). Planted trees were individually and securely owned (Bradbury, 1957, p. 24), and the trees could be sold, though in theory the land was not sold with them. Ward-Price (1939, p. 116) suggested permission of the *Enogie* was needed, but he would not refuse “as chiefs are always anxious to increase the number of people on their land.” Even if trees were planted illegally, it was considered wrong to destroy crops in the ground. In a 1940 suit, for example, the defendant was found to be owner of the land on which he had planted his rubber, but was ordered to pay £40 and costs to the plaintiff for cutting down the latter’s trees, “because it is against customary rule to destroy growing plants.”⁵

2.6. Disputes. With low population densities, land was abundant and disputes were uncommon. These focused on the political power that came with controlling settlement. In 1918, the Resident wrote that, “this Province had always been singularly free from Land Disputes. This is probably due to the fact that the population is less dense than in other Provinces.” In cases where had seen disputes arise, he reported that “there has been little difficulty in effecting a settlement.”⁶ Bradbury (1957, p. 45), even later in the colonial period, argued that “litigation over the ownership of land as such is non-existent outside Benin City except in a political context where, for example, two *enigie* dispute their common boundaries.” The other exception he identified was disputes over permanent crops.

⁵NAI, Ben Prof 8/1/5 Civil Record Book 1934-1935: EHK Obosi of Illah v. Ageture of Illah (1940) 69/40.

⁶NAI, Ben Dist 2/3 BP 446/1916 Land Disputes, Procedure in dealing with: 4 Feb, 1918: Resident Benin to Secretary, Southern Provinces.

3. THE SPREAD OF RUBBER IN BENIN

3.1. Origin and spread. Brazilian *Para* rubber was introduced to Nigeria in 1895 (Anschel, 1965). Though colonial efforts to promote rubber were abandoned in 1921, Nigerians continued to plant it. From 1934, an international quota scheme kept world rubber prices high, but did not restrict Nigerian exports. The loss of Malaya to Japan in 1942 pushed British authorities to encourage rubber production. Price controls, compulsion and propaganda were used to encourage tapping and collection, and this spurred planting. In Esan, for example, one official estimated in 1943 that 1323 farmers had 605 acres of mature rubber in Ishan, with roughly another 1,000 acres planted to young trees.⁷ In Kwale-Aboh, another official estimated that the acreage under rubber had expanded from 660 acres before 1937 to 7067 by the end of 1944.⁸ By 1948, it was guessed that 25% of Benin Division was planted to rubber (Usuanlele, 2003, p. 161).

Despite negative propaganda and active restrictions, Benin farmers continued to plant rubber after the war. Bradbury (1957, p. 24) reported that rubber and cocoa were the main sources of monetary income in the region. Anschel (1965, p. 87) extrapolated from his own small survey, in which 72.4% of farmers owned rubber, to estimate that in the early 1960s 113,500 farmers owned slightly more than 1.2 million acres of rubber. Exports peaked during the first half of the 1970s, and the industry has since declined.

Rubber was overwhelmingly a smallholder crop. During the mid-1960s, farmers coagulated the rubber they collected mostly into lumps, while some dried them into sheets in the sun or over the hearth (Anschel, 1965, p. 60). Lumps and sheets were sold mostly to middlemen who possessed only a bicycle and a spring scale as equipment. These middlemen paid farmers according to weight regardless of quality, and sold the rubber on to dealers in the larger towns or at collecting points. These dealers brought the assembled product to a small number of exporter-processors who milled the lump into low-quality crepe (*ibid*, p. 61-64).

3.2. Identification. There are four confounding treatments that hit Benin during this period, whose effects may be mis-attributed to rubber: population growth, forest reservation, commercialization of palm produce, and colonial rule. While it is not possible to “control” for these, since my sources are qualitative, I restrict my focus wherever possible to changes that were directly attributed by observers to rubber, or to disputes concerning *Para* farms. For Blanckenburg (1963, p. 14), the cause of individualization, commercialization, and the increase in acreages was clear:

As the system changed, population density played the minor role although today many more people live in the villages than forty years ago. The main

⁷NAI, ID 744: Unsigned minute, dated 23/6 1943: List of African plantations. Also see NAI, ID 744 23 June, 1944: Minute to Allen from Executive.

⁸NAI, WP 149 rubber production: 5 Sept, 1945: Agricultural Officer to Resident, Warri.

factor leading to a real revolution in the land tenure system was the introduction of permanent crops like rubber and cocoa into farming.

For identification, I contrast rubber farms with those planted to food crops, and I note where observers made the same comparison. I also measure Benin against adjacent Afenmai Division and Ondo Province, which were relatively untouched by tree crops. Rowling (1948, p. 12) estimated in 1948 that Afenmai (then “Kukuruku”) had a population density of 74 persons per square mile, or 76 persons if forest reserves were removed, while in Benin District these figures were 63 and 103 persons per square mile. In Afenmai, then, densities were similar but the spread of tree crops was limited. I do not argue that rubber had any characteristics that made its effects distinct from those of other planted tree crops, such as cocoa.

4. HOW LAND WAS ACQUIRED FOR RUBBER FARMS

4.1. Other African cases. Land for tree crops has often been obtained initially under “customary” relationships, with few cash transfers. Where land was sold early on, buyers’ rights were less restricted than in later periods. Berry (1975) found that early cocoa farmers in 1930s Ife, in southwestern Nigeria, obtained land for small presents and a promise to pay symbolic *ishakole* tribute annually. When forest land in Ghana seemed inexhaustible, the chiefs of Akim, Akwapim and Ashanti alienated land to stranger farmers for a lump sum or a proportion of the developed land (Robertson, 1982). As the value of tree crop farms rose, these terms were changed; later planters paid more for land in cash and social obligations, received more restricted rights, and those who granted land to early farmers sought to change the terms of the original arrangements in their favor. In Ife, when cocoa began to bear, *ishakole* was raised generally to 1 cwt of cocoa per year (Berry, 1975). As the monetary value of *ishakole* rose, non-cash obligations fell. As forest became scarce in southern Ghana around 1950, authorities demanded regular tribute or rent rather than permitting outright sales. Over time, the *abusa* sharecropping contract gave fewer proprietary interests to tenants (Robertson, 1982).

4.2. How planters acquired land. In Benin, the pattern was similar. Smallholders generally acquired land for rubber freely, by planting trees on their farms after they were done cultivating food crops, instead of leaving them fallow. Generally, no permission was needed. Rowling (1948, p. 5) stated that a Bini was “free to plant as he will.” In Esan, Rowling (1948, p. 18-19) found no limitations on permanent crops, and if a protest was raised that farmland was getting short, no legal sanction existed to restrict planting. In the three villages he studied, Blanckenburg (1963, p. 14) found that rubber was planted on plots used for food crops during the second year of use, along with cassava and minor crops. Of the 11 farmers Upton (1967, p. 11), surveyed in each of his three Asaba villages, 100%, 100% and 53% stated that extra land was available for tree crops. The most commonly stated means of acquiring land for tree crops was that it was “freely available” in the first two, and that one would ask the head of the family in the third.

My respondents, similarly, often stated that they acquired land by clearing forest, and that no permission was needed from anyone. For example:

My father has been here for a very long time where ever you are able to cultivate first when it was a virgin forest becomes yours and my father is also a son of the soil so we are native of this village... No they don't have any permission since you are a member of the community, you are free to open new land and plant any crop. You know the people are very few then but the land is very large then.⁹

Yet others stated that the *odionwere* had to be informed that an individual was cultivating a particular area, though not necessarily what was being planted,¹⁰ or that all that was needed was to “buy the elders drinks so that they would pray for you.”¹¹ Examples from court cases similarly give evidence that payments were small, though they do not support the view that no permission was needed. In 1942, the plaintiff in a civil suit told the court that he had bought a plot of land from Evbuomwan and four others around 1933. Knowing that he might plant permanent crops, he gave them 5s and some tobacco as consideration. Evbuomwan testified that he had sold the farm with approval of the village head.¹² In another suit from 1958, the plaintiff told the court that he had acquired land in 1925 at Oregbene, roughly 3 miles from Benin, from the elders in return for “kola nuts and drinks,” and then planted rubber and coffee on the plot.¹³

4.3. Changes over time. As fears arose that land was becoming scarce, and as the value of these farms became apparent, village authorities might attempt to extract rents, both from new planters and from those with existing holdings. Dibia Afam, a farmer in the Asaba Division, found that he had been able to acquire land freely for planting rubber during the late 1930s and early 1940s, but once his farms matured his relatives demanded he pay them £1 annually.¹⁴ Attempts were made especially to strategically evict stranger planters – these will be discussed in section 6. Conflicts arising from acquisition through sale and rental will be dealt with in the next section.

In addition, colonial, provincial, and local authorities made efforts to restrict planting. While the justifications given for this policy shifted over time, the concern that tree crops made land unavailable for food was an important motivating factor.¹⁵ In November 1937, the Native Authority passed a Permanent Crops Order (PCO) that restricted

⁹Interview #6.

¹⁰Interview #8.

¹¹Interview #12.

¹²OPA, Benin Civil Court 1942 No. 138, #129/42 S.A. Obaseki of Benin v. Isibor of Benin.

¹³OPA, File 35/58, J.J. Idehen v. J.E. Edokpolor.

¹⁴NAL, Ben Prof 1 BP 203/706, “Dibia Afam, petition from.”

¹⁵See Rowling (1948), for example. In Warri Province during the Second World War, several local councils were prompted to institute planting restrictions after food prices spiked. The District Officer in Kwale, however, could not determine whether this was due to rubber planting – “responsible local opinion” attributed food shortages to bad rains (NAL, Warri Prof 149 rubber production, 5 June, 1945: D.O. Kwale to Resident and 7 June, 1945: Resident Warri to S.W.P.). Similarly, Blanckenburg (1963, p. 16,21, and 28)

planting of all tree crops, including rubber. Those wishing to plant trees were to obtain a signed and witnessed form from the *odionwere*, who would submit it to the Oba for approval.¹⁶ Similar orders were made in Warri Province towards the end of the Second World War. The PCO was unevenly enforced, and used mostly against Edo strangers, especially those resident in Benin City. In 1941, complaints were received from “certain city dwellers” about the PCO, that it did not “operate impartially and that while it is applied rigorously to themselves villages evade its provisions.”¹⁷ The District Officer recognized that there was “no doubt” that these charges were largely true.¹⁸

5. THE IMPACT OF RUBBER ON LAND RIGHTS AND MARKETS

The spread of rubber increased farm sizes and the permanency of land rights. Rubber farms could be alienated temporarily, by rental, pledge, or sharecrop, or permanently by sale or inheritance. Disputes arose especially from the sale of rubber farms. The alienability of these farms was not immediate, and farm owners’ rights were contested by other community members. In the remainder of this section I outline each of these impacts in turn.

5.1. Other African cases. Tree crops in Africa have led to more individualized holdings and greater commercialization of land transfers during the generation of the original planter. Due to inheritance systems and labor arrangements that give proprietary interests to multiple claimants, individualization is often reversed over time (Berry, 1988). Planters initially control the disposal of output, and may alienate their farms by lease, gift, mortgage or sale. In principle, these rights do not extend to the land itself, but in practice they often do (Berry, 1988). Besley (1995) refers to African tenure systems as “Lockean,” arguing that investments such as tree crops create rights in land.

Trees also spur land markets, but these remain socially embedded and the prices paid do not fully reflect productive value (Colin and Woodhouse, 2010). Land is transferred through a wide range of transactions, including sales, inheritance, leases, pledges, and sharecropping. In the Oumé District of Côte d’Ivoire, for example, early transfers were “sale in the classical sense, subject to manifestations of respect and gratitude,” but today the death of a patron leads to renegotiation and demands for more cash. Duties of gratitude remain important in securing the migrant’s legitimacy (Chauveau and Colin, 2010).

found that many rubber farmers kept substantial portions of their land planted to food crops, and that markets for foodstuffs existed in all of his study villages.

¹⁶NAI, BP 1470 Vol 2: Permanent Crops in the Benin Division: 21 Oct, 1940: Circular from District Officer, Benin.

¹⁷BP 1470 Vol 2: Permanent Crops in the Benin Division, Minute (n.d. - 1941): GCW to Resident.

¹⁸NAI, BP 1470 Vol 2: Permanent Crops in the Benin Division: Permanent Crops Order Benin Division (Memo by DO).

5.2. Increased farm sizes. During the 1920s, one colonial officer remarked that there was not much variation in farm size in Benin. Where it existed, it was compensated for by closer planting. He measured fifty farms to get an average of 1.39 acres “for a man and his wife.”¹⁹ The colonial government believed, wrongly, that rubber farms were roughly the same size as these. One report in 1959 suggested that rubber took up “approximately 300,000 acres mostly in units of one or two acres.”²⁰ Before the Second World War, this would not have been a misleading estimate. A collection of letters sent between 1942 and 1944 to smallholders who were not tapping their holdings gives a sample of 369 farms that averaged 474 trees each.²¹ 90% of these were less than 10 years old. These plantations were largely in Iguoriakhi (32), Okha (19), Idokpa (11), Igbekhue (11) and Ebazogbe (10).

Blanckenburg (1963, p. 16), by contrast, measured seven rubber farms in his study villages and found them all to be much larger. His farmers had, on average, 13.7 acres planted to rubber and 5.5 in food crops. He also cited unpublished work by Oluwasanmi, whose survey of 150 farms found that 21% were under 5 acres, 46% were between 5 and 11 acres, 25% were between 11 and 20 acres, and 8% were over 20 acres. Ansel (1967, p. 3), similarly, reported that an FAO survey had found 19.1% of rubber holdings in 47 villages of Benin Division were above 20 acres, while 41% were greater than 10, and 71.8% were greater than 4. In his own sample, farmers averaged 13.8 acres of rubber in 4.4 plots (Ansel, 1965, p. 87). In the three Asaba villages Upton (1967, p. 11) studied, the eleven farmers in each averaged 8.52, 18.61 and 12.78 acres of rubber.

This growth in size was facilitated by the practice, mentioned above, of planting food farms to rubber when in the past they would have been left fallow. Several of my respondents stated that their farms had been built up gradually. For example:

I did not acquire all the land at once. What we did was to plant part of our farmland with rubber each year. This piecemeal type of planting continued until we finally felt that we had planted enough rubber.²²

This suggests that rubber increased farm size for technological reasons; in a land-abundant environment, labor limited the acreage that could be cleared or cultivated in any given season, while depletion of soil fertility kept food crops under cultivation for only one or two years. Rubber could continue to bear for many years, and it was possible for smallholders to profitably tap it using either their own children or by employing sharecroppers.

Usuanlele (2003, p. 103-4) adds a political economy explanation. As chiefs abused their positions in order to convert communal lands into private holdings, individuals responded by appropriating communal land for their own use and the inheritance of

¹⁹NAI, CSO 26 09125 Assessment Report on Benin Division by Nevins, DO.

²⁰NAI, AR8 A1b: Annual Report of the Ministry of Agriculture and Natural Resources (Extension Services Division); 1958-59.

²¹NAI, BP 2287: Rubber Farms Taken Over by the Government.

²²Interview #23.

their children. Planting rubber was one means of gathering as much land as possible. Usuanlele (2003, p. 105) adds that farm sizes increased during the depression of the 1930s, as incomes fell but tax demands did not, inciting expanded cash crop production. These larger farms have persisted; recent surveys have given average rubber holdings of 5.73 acres (Agwu, 2006) and 14.01 acres (Mesike et al., 2009).

5.3. More permanent rights. In contrast to the lack of recognition of rights over fallow land in pre-colonial Benin, rights over rubber farms were more permanent. Ward-Price (1939) had found no recognized rights in fallow during the early 1930s. After the Second World War, the Oba told Rowling (1948, p. 4) that “whatever the position of old, when land was plentiful and strangers few and when no one therefore bothered over claims to fallow, the spread of permanent crops which have enhanced [sic] the value of land as well as growing fears about shortage, are leading to insistence upon them,” adding (p.6) that “the rights secured by planting cocoa, rubber, kola, in a few cases oil or bamboo palm are the only ones which appear to have permanency.” Blanckenburg (1963, p. 14) similarly reported that fallow land no longer reverted to the community.

5.4. Individualization. Land ownership became less communal, and gave the planter or his family more exclusive rights over the land. Blanckenburg (1963, p. 14) noted that ownership of land under rubber was true in practice, though not in theory, and that the family had become the landholding unit. Egharevba (1949, p. 79) highlighted the development, writing that a “change is, however, coming over the whole system of land [t]enure. More and more, the right of each man to ownership of his land is being recognized (as in Yorubaland) and this is largely due to the permanent crops put down.”

5.5. Rental. Rubber farms were often rented or sharecropped out to (mostly Ibo) tappers, since smallholders frequently had more acres under rubber than their family labor would allow them to exploit. Examples from court records include a farm rented since about 1937 on which the rent since 1943 had been £15 pounds per year,²³ a 1,000 tree farm rented around 1936 for £7 per year,²⁴ or prices per year per tree – 2d in 1939,²⁵ 3d in 1937,²⁶ or 2d during the late 1940s.²⁷ The Benin Native Authority rented out rubber. In 1929 it reduced the rent on a farm let out to £2/10 for two years.²⁸ The Obi of Agbor coordinated the lease of eighteen farms totalling 17,407 trees to the Bata Shoe Company at 4d per tree in 1946.²⁹ Osagie (1988, p. 55) cites one example of 172 trees let out in Esan at 6d per tree for one year, with a promise that the rent would double if the rubber were “roughly tapped.”

²³OPA, Benin Native Court #315, 1945-46: #252/46 Ayi Belo of Benin v. Amadasun of Benin.

²⁴OPA, Benin Native Court 1938-39 #212, 178/39, Ikehen of Benin v. Ihabowa (?) of Ologbo.

²⁵OPA, Benin Civil Court Record Book 1941 #15, #179/1940, Amadasun of Benin v. A.B. Suberu of Benin.

²⁶OPA, Benin Native Court 1938-39 #212, 521/39: Joseph Obazie of Benin v. A Wilkey of Benin.

²⁷OPA, Benin Native Court 1949 #206, 841/49, Ojo Osagie of Benin v. Avibayor Oniawe of Benin.

²⁸NAI, Ben Dist 1 14 24 29 Oba's Judicial Council: Minutes of Council Meeting 10/12/1929.

²⁹NAI, BP 1273: Rubber Industry Benin Province: 30 Aug, 1946: DO Asaba to Resident Benin.

The disputes that arose from these transactions, as in other parts of Africa, centered more on conditions and on non-payment than on their legitimacy. In a 1949 suit, for example, the plaintiff claimed the defendant had tapped an additional 200 trees not included in their agreement.³⁰ These conflicts were, however, bound up with other transactions and social considerations. In one 1940 case,³¹ the defendant owed a little over £5/3 for a 620 tree farm, but the plaintiff claimed he had only paid £2. The defendant hired laborers to tap the farm. In April, the plaintiff demanded an advance that he could use on bride-price in taking a wife. The defendant claimed he had no money, and so the plaintiff took away his tools. The defendant then loaned money to the plaintiff through his eldest son. The defendant's workers, however, began to desert because of the lack of work. The court was sympathetic to this, awarding the plaintiff only £1/8.

5.6. Sharecropping. Many smallholders let out their farms on a one half share system. Colonial officials worried that these short-term arrangements did not give tappers adequate incentives to maintain the health of their trees. The Production Officer in 1945 complained that "a lot of time [had] been wasted training men, who leave within a few weeks generally because of some dispute between the Tappers and the Owner regarding remuneration."³² A 1959 report by the Ministry of Agriculture claimed that:

The main concern of these itinerant tappers is the maximum of profit in the short term for the minimum of expenditure of time and effort. The trees have been dreadfully mutilated, maintenance is neglected and the farms are consequently liable to have fires through them during the dry season...The majority of farms have been almost completely ruined by bad tapping.³³

Blanckenburg (1963, p. 17-18) echoed these concerns, claiming that many Ibo only stayed for a few months and that farmers found supervision to be useless, since a tapper who was too harshly criticized would leave. Only 8 of 14 farmers he asked were satisfied with their tappers' methods (p. 23). The contract cited above in which rents would rise if the trees were harmed suggests, however, that farmers were aware of this problem and gave tappers incentives to behave properly. Further, former tappers told me that they would tap for the same farmer for many years, and so this repeated interaction could produce better outcomes than in a one-shot game.³⁴ Similarly, farmers could supervise the work of tappers by checking whether the trees they tapped were healing correctly.³⁵

³⁰OPA, Benin Native Court 1949 #206, 841/49, Ojo Osagie of Benin v. Avibayor Oniawe of Benin.

³¹OPA, Benin Civil Court Record Book 1941 #15, #179/1940, Amadasun of Benin v. A.B. Suberu of Benin.

³²NAI, WP 149 rubber production. 23/4/1945: Production officer to residents Warri and Benin.

³³NAI, AR8 A1b: Annual Report of the Ministry of Agriculture and Natural Resources (Extension Services Division). April-March 1958-59.

³⁴Interview #25.

³⁵Interview #1.

5.7. **Inheritance.** Rowling (1948, p. 8) noted that, in the past, a son would inherit only standing crops and the right to continue in an area under cultivation. Even the Oba recognized that by 1948 this had changed. Blanckenburg (1963, p. 20), similarly, noted that in the past it was not useful to inherit farm land. At the time of his survey, rubber was among the inheritance to be divided. On principle, the largest share was inherited by eldest son. Farmers he spoke with saw rubber farms as savings for their children, and this was one motivation for the increase in farm size. One petitioner wrote to the government during the 1930s to appeal a case in which he had sued for his late father's cocoa trees, pear trees, thatches and rubber trees, and had won all but the "most valuable one – the rubber trees."³⁶

Joint inheritance was less prevalent than in other parts of West Africa, as Benin had a tradition of primogeniture. Inheritance, then, had less power to convert holdings into family property than elsewhere. According to one respondent:

[A]s long as the initial owner of the rubber was alive he claim ownership of the rubber trees. But if such a person die and the children have to inherit they must sub divide the plantation and that is very common so you could have a plantation that is own by one person but subdivided into individual children as owner.³⁷

Today, forest clearing has been replaced by acquisition through inheritance. This is apparent from modern surveys. Of 23 of my interviewees classified as "farmers," 10 stated that they or their parent had cleared the land from virgin forest, 3 had obtained it freely or from the community, 6 had inherited the land, one had acquired land through a mixture of inheritance and clearing, and the rest either did not know, did not answer, or listed other methods. Agwu (2006), by contrast, in a recent survey of 50 rubber farmers, found that 76% acquired their land through inheritance, 16% through rental, and 8% through purchase.

5.8. **Sale and mortgage.** Once planted, Bradbury (1957, p. 45) found that permanent crops could be alienated by sale, pledge or mortgage. Rowling (1948, p. 6), similarly, reported that an Edo was "free to do what he likes with crops of all kinds," and could sell, pledge or mortgage these, though there were restrictions on alienation to a non-Edo. The Ekiadolor Central Court in 1940 upheld that consent by Village Council or *Enogie* was not needed for sale to a "freeborn man of the village...There are so many people who sell their plantations ... there is no need to inflict trouble on anybody who sells his property when in need (*ibid*)." Anschel (1965, p. 80) believed that sale of land was becoming most common "where outside influences [were] strong," such as near the main roads. Egharevba (1949, p. 79) stated that, should a "non-native" wish to leave the

³⁶NAI, Ben Prof 1 BD 65 Vol 11: Petition Benin Native Court: Osionwanwri to DO, Benin c. 1936.

³⁷Interview #13.

district, he was free to sell to a “native of the soil.” By contrast, I have only found one example of a sale of land not planted to permanent crops.³⁸

Rowling (1948, p. 6) also reported that “true mortgage,” i.e. a transaction with a foreclosure date, existed for rubber farms alongside the “African pledge or usufructuary mortgage.” For example, one writer petitioned the District Officer in 1941 that he had loaned his friend £15 to buy three farms, which was to be repaid via the sale of rubber sheets. It was agreed that, should the friend fail to repay, the farms were to become his. This happened, and he had successfully sued for the farms at the Benin Native Court.³⁹ In Agbor, by contrast, rubber was a poor security, and so Rowling (1948, p. 28) could find no examples of pledging and only a few leases.

The common reasons for sale identified by Blanckenburg (1963, p. 15) were to raise money for payment of bride price, building of a house, or for the education of children. Purchasers were mainly farmers short of land, and farms with high yielding trees were less frequently sold than low-yielding or young, untapped farms. He argued that the price paid depended on supply and demand as well as on the personal relationship between parties and characteristics of the plot. From primary and secondary sources, I have collected nineteen examples of farms in which I know both the price paid and (roughly) the year of the sale (see Appendix A). While the sample size makes inference difficult, I have plotted these in Figure 3 along with the running mean of the price per farm. The results are consistent with the interpretation that, from the beginning of the Second World War on, the sale prices of farms were increasing in Benin alongside the rising price of rubber. Rising consumer prices after the late 1930s, however, may have eroded much of the real benefit to farm owners.⁴⁰

5.9. Disputes over sale. Conflicts arose especially from sales. As in other parts of Africa, many of these involved the family members of the original seller attempting to reclaim land that had been lost. One petitioner wrote in 1941 that he had purchased a farm of 412 trees in 1938 for £2/10, and had since added more and put identifying marks on these. When the seller died, another man claimed the property. The petitioner asked

³⁸Udo Native Court 1922 #227: #95/22 – Enbokwohesu v. Diajbonya.

³⁹NAI, Ben Dist 1 BD 28 Vol 11 Oba’s Court Appeals; 22 Nov 1941: Petition by Guobadia.

⁴⁰These figures are *not* corrected for inflation. I am not aware of any consumer price index for Nigeria that covers this time series. I have tested the sensitivity of these results to inflation in three ways. First, I have deflated the prices to 1943 using the average of the Southern Nigerian prices for maize, rice and cassava calculated by Frankema and van Waijenburg (2010), with missing values interpolated linearly. There still appears to be a positive uptick in real farm prices during the early 1940s, though the truncation of this series makes interpretation difficult. Second, I have used a nominal wage index for Lagos through 1960 sent to me by Ewout Frankema in personal communication to deflate the plantation prices. Done this way, the series is completely flat after the mid-1930s, suggesting that farm prices only kept up with inflation. Interestingly, if the export price of rubber reported in Figure 2 is similarly deflated, it shows no positive trend either, suggesting that the “real” producer price of rubber did not rise from 1930 to 1963. This would strengthen Usuanlele’s view that prices were not the sole motivator of expanded planting. Third, I use the consumer price index for Ghana through 1963 calculated by Bowden et al. (2008), with missing values interpolated linearly. The results here are the same as with the Lagos wage index.

that he be made to take an oath to support his claim.⁴¹ Another petitioner in 1937 complained that his father had bought a farm from Ije, and that he had completed the purchase price after his father's death. "The present boom in rubber prices," however, had "caused the family of Ije to make a try to wrest the rubber plantation from [him]." They sued for eviction in 1937, and the petitioner won, but then another relative sued him to cease tapping operations.⁴² The defendant in a 1954 suit had bought her farm land from one Igbinovia in 1947, with another man Fakaukun present as witness. After she deserted her husband, Fakaukun sold the farm to M.C. Ishola Coker, who sold it to the plaintiff for £25 in 1954. The court found no evidence Fakaukun had ever owned the farm, and decided for the defendant.⁴³

Other disputes highlighted questions about who had the right to sell. Trees alone did not confer sale rights. Social status also mattered, as in Berry (1989) or Goldstein and Udry (2008), because claims had to be pursued in social venues. One petitioner in 1942 claimed that Chief Iyamu falsely pretended to have bought a farm from his father for £10 and then re-sold it for £30 while their dispute was in court. The petitioner argued that he, not his father, had planted the trees and that he had a document showing he had even rented out the farm before the dispute.⁴⁴ In a 1944 suit, the defendant claimed to have bought a farm the year before, and had a document to support this. The lower court, District Officer and Resident, however, all felt he needed the permission of the Oba and *odionwere* to make the sale, also noting the signature on the document suspiciously matched that of the writer.⁴⁵

Sale was not universally accepted, and farm owners' alienation rights were contested by others. I classified 23 of my respondents as "farmers," though most had worked as children on a parent's farm during the colonial period. When asked if they or their father could sell land, eight avoided the question and answered that their father would never sell land. Four more similarly responded that he had not sold any. Two responded yes, and four more made the distinction that trees could be sold, but not land. One told me that:

No we don't sell land in our culture, all a father will desire is to pass his land to his children as inheritance.⁴⁶

29 of 78 rubber farmers in Anshel's (1965) sample said they may not sell without seeking permission of village elders. Blanckenburg (1963, p. 15) found it hard to find information about sales; only two general informants at Owe confirmed their existence, none

⁴¹NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 23 Nov, 1941: Letter to District Officer.

⁴²NAI, Ben Prof 1 BD 65 Vol 13: Petitions Benin Native Court. 30 Jan, 1937: Chief Ezoumunoglu to District Officer.

⁴³OPA, Court Proceedings Record Book 1954-55 #52, #843/54 A Izenbokun of Benin City v. Igberiohene of Benin City.

⁴⁴NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals, 28 Aug, 1942: Idahosa of Benin to DO, Benin Division.

⁴⁵OPA, Benin Divisional Court 1944 #130, A235/44 Edeoghomonwan of Ogbeson v. Awotu of Ogbeson.

⁴⁶Interview #5.

of the nine farmers there said they knew anything about sales, and the topic was “not discussed openly.” At Okuor, the subject was similarly taboo. Only one young farmer declared he had bought three rubber farms. After the first sales at Okuor, the elders’ council prescribed that land should be sold only within the family, but this was not observed. At Ova, the “best located” of his three villages, the topic was more frankly discussed, with sales dating back to roughly 1944. In Esan, Rowling (1948, p. 19) reported that attempted sale or mortgage could result in eviction. None of the three villages Upton (1967, p. 15) studied had land sales. None of the farmers he interviewed believed it was “right” to sell land (p. 65), because it was not customary, because it belonged to the community, because it was inherited, and because there was not enough land.

5.10. Identification. These changes were largely confined to land planted to rubber. Rowling (1948) reported that there were few disputes over land planted to food (p. 5), that rights secured by tree crops were the only ones with permanence (p. 6), that land was only a marketable asset when “scarcity value” was created by the planting of trees (p. 18), that no claims to land not under permanent crops were established in Agbor by having worked it (p. 25), and that cultivation of food crops in Ogwashi-Uku was a “fairly elastic business” (p. 33). Occasionally in the court records, a claimant will state that land not planted to permanent crops has been “sold,” but it is later revealed that only the rights over a standing crop such as cassava were exchanged.⁴⁷ This contrast was enabled by the rhetorical distinction between land and crops; while the rights and disputes that existed over rubber were effectively the over land itself, it was possible to claim that rubber was no different than any other standing crop (e.g. Rowling (1948, p. 6)).

How did Benin compare to neighboring regions? In Afenmai, Rowling (1948, p. 14) reported that, excepting lease to aliens under statute and a single group purchase by refugees during the Nupe Wars, sale, pledge and lease of land were “unknown in the division.” Permanent crops, however, could be pledged, mortgaged, or sold. The same was true in many districts of Ondo (Rowling, 1952). In Owo in 1952, there was no sale of land, but permanent crops could be sold to another Owo without permission (p. 14). In Ekiti, where population density was close to 100 per square mile, sale of land was “generally alleged to be an inconceivable squandering of the [lineage] trust-property” (p. 23). In Akoko, which at nearly 150 persons per square mile was the the densest part of the province, the Federal Council only reluctantly admitted the existence of clandestine land sales when faced with examples in the court records. That sale and pledge of permanent crops existed, however, went “barely without saying” (p. 31).

5.11. Chiefs. The above discussion might be taken to imply that “chiefs” who had held authority over land during the pre-colonial period, particularly the *edion*, *odionwere*, *enogie*, or Oba, lost this control with the spread of rubber. These chiefs, however, sought

⁴⁷e.g. NAI, Ben Prof 8/1/2 Civil Judgment Book 1909-1911, Unoghenen v. Ebale (1910) #16.

actively to retain or strengthen what claims they had. Chiefs were active as planters, as participants in disputes, and as arbitrators. Many of their rights were entrenched under colonial law.

Chiefs were both planters and participants in disputes, many of which have already been cited above. In a 1938 petition, the complainant claimed that he had sued one Chief Elema over a plantation and had won in court after being made to take an oath.⁴⁸ The Benin Civil Court decided in 1942 that several chiefs at Uteh, including the *Enogie*, had conspired to deprive the plaintiff of land on which the defendant had planted rubber.⁴⁹ The *Enogie* of Oghehge turned to the courts to settle his dispute with a fellow villager.⁵⁰

Chiefly claims over land were officially recognized in British legislation. One third of timber royalties, for example, went to village heads (Rowling, 1948, p. 11). Similarly, local chiefs were able to collect revenues from the communal rubber plantations established before the end of the First World War, and could demand rents from strangers such as the Urhobo and Isoko who worked palm produce. The PCO, mentioned above, formalized the requirement that the *odionwere* consent to the planting of tree crops by “strangers.” Further, chiefs attempted to use indirect rule to formalize their authority. The Etsako council in Kukuruku Division, for example, passed a resolution in 1942 stating that land was held on behalf of the village by the council, that the council were the proper lessors of any land, and that the leading members of the council should sign any lease to show the council’s consent.

Similarly, chiefly authority was institutionalized via membership in the Native Courts. In an example already quoted above,⁵¹ a petitioner seeking to foreclose on three plantations offered as surety for debt complained that the debtor was “very friendly” with one of the court members, and had thus been able to forestall a bench warrant by appealing to the Oba’s court. If the court member “had not unduly interfered in my matter by telling tales out of school,” he wrote, his opponent “would not have had such opportunity of playing a hide-and-seek game with me.” Similarly, one Idahosa of Benin in 1942 wrote to the District Officer that he was involved in a dispute with Chief J.O. Iyamu of Benin, over his father’s rubber plantation. While Iyamu claimed to have bought the plantation for £10, Idahosa did not believe that his father would have sold it for so little. He noted that Iyamu “at one time a court clerk, knows how to make case, and knows also now to twist matters to suit his whims and caprices.”⁵²

⁴⁸NAI, Ben Dist I BD 65 Vol 20 Petition Benin Native Court, 12 Jan 1938: Obaduyi of Benin to Reviewing Officer.

⁴⁹OPA, Benin Civil Court 1942 #290: #1705/42 - JE Obaseki of Benin v. Erhabor of Benin.

⁵⁰OPA, Obajere NC 1936 #282: #204/26: Chief Iduseri of Oghehge v. Ebose of Oghehge.

⁵¹NAI, Ben Dist 1 BD 28 Vol 11 Oba’s Court Appeals; 22 Nov 1941: Petition by Guobadia.

⁵²NAI, Ben Dist 1 BD 28 Vol 11 Oba’s Court Appeals, 28 Aug, 1942: Idahosa of Benin to DO, Benin Division.

Chiefs used these courts to defend their rights. In 1940, the Oba advised the Village Council of Uhen to sue several non-natives accused of planting cocoa and farming without their consent in court, which they did successfully.⁵³ This was not always their first course of action – the elders of Eferufe had initially attempted to stop the defendant in a 1940 suit from farming without their permission by placing a *juju* (magical object) in his farm. Only after he persisted did they sue.⁵⁴

Chiefs often remained responsible for land grants and frequently asserted the right to approve of alienation. The plaintiff in a 1940 suit told the court that he had brought 2 bottles of schnapps and 20 kola nuts with him when he received land from the elders.⁵⁵ In Agbor, the permission to sell land depended on the unit that controlled the land (Rowling, 1948, p. 28). While no permission was needed for sale to a quarter member, a stranger would insist on sale being reported to quarter heads or to the Obi, in case any dispute later arose (*ibid*). In a 1938 suit, one witness told the court that the land was “sold with consent of families. I am head of family and nobody could sell land without my consent.”⁵⁶

Benin chiefs also retained a role in settling disputes outside the courts. The plaintiff in a 1940 suit told the court that he first went to the elders when the defendant damaged his kola trees.⁵⁷ Similarly, the plaintiff in a 1953 suit went first to the senior in his camp when the defendant unlawfully tapped his rubber.⁵⁸ The plaintiff in another 1942 case told the court that he had originally gone to the ward council when the defendant tapped his rubber. The council had been unable to render judgment when the defendant was not satisfied that the plaintiff’s witness only swore one *juju*. They reported this to the Oba, who advised the plaintiff to sue, which he did successfully. Many other examples exist in which claimants went to the local chiefs for dispute resolution, to show them their boundaries, or lodge their complaints before coming to court.⁵⁹ Elders’ testimony was also used by others to defend uphold their claims in court. The defendant in a 1942 suit used the fact that the elders had approved his ownership of a rubber farm to convince the court that the plaintiff had created a false claim against him.⁶⁰

In particular, the people of Benin often sought the assistance of the Oba to defend their interests. In 1926, the people of Aduwawa complained to him that one Obasohan,

⁵³OPA, Usen NC 1939-41 No 306, #274, 275, 277 and 282 of 1940: VC Uhen v. Ehaga and ors of Uhen.

⁵⁴OPA, Usen NC 1939-41 No 306, #201/40: BNA v. Eferufe.

⁵⁵OPA, Benin Civil Court 1940 #137: #3586/40, Okungbowa of Benin v. Umeoghisen (?) of Benin.

⁵⁶NAI, Ben Prof 8 1 9 Civil Record Book 1936-1938: Obaze of Benin v. Osague of Benin (1938) 58/38.

⁵⁷OPA, Egbede NC 1940-41, #204: #315/40 Ihasuyi of Ebor v. Akorobo.

⁵⁸OPA, Egbede, Ohuan NC Criminal record 1953-54, #117: #182/53 Parties illegible.

⁵⁹e.g. OPA, Benin NC 1939 #221: #2051/39: S.O. Bazuaye v. Argbe both of Benin, or; Benin NC #315/1945-56: #480/46, Ojo of Benin v. Evbobome of Benin, or; Benin Civil Court Record book 1941 #15: #727/51 (1951 case inserted between pages 94 and 95 of 1941 book).

⁶⁰OPA, Benin Civil Court 1942 #138, #425/42 J.C. Edebiri of Benin v. Okhasuyi of Benin.

an Ehor cocoa and rubber planter, had extended his farms and uprooted their yams.⁶¹ In 1935, similarly, one Aghaedo wrote to the Oba and to the District Officer that, after his father died, a group of “troublesome people” had gathered together to bar him from farming. He wrote that these men had also bothered his father in the Native Court, until he received the assistance of several chiefs, including the Oba Eweka II. This time, he only wished to alert the Oba that “some of the villagers or Benin may trouble me because my father died. So I draw your attention before such quarrel in case it appears in future.”⁶²

6. THE IMPACT OF RUBBER ON LAND CONFLICT

In this section, I contrast the impact of disputes over rubber in Benin with those that have followed from tree crops in other parts of Africa. I deal with two types of land conflict in turn – conflict within communities, and conflict with outsiders.

6.1. Conflict within communities. Conflicts within African communities have largely followed from the embedded nature of land markets, and have focused in particular on grants made to outsiders. In Benin, observers noted that disputes over tree crops were a problem. Despite farmers’ efforts to demarcate their boundaries, disagreements arose over boundaries and inheritance, and were caught up in other social conflicts.

6.1.1. Other African cases. In the rest of Africa, tree crops have led to disputes within communities. Many arise because land markets remain “embedded” in local politics and social relationships. Berry (1988) argues that several mechanisms of acquiring rights in tree crops do not extinguish previously existing claims, so over time the distribution of land depends on individuals’ abilities to exercise claims rather than on formal rules. Participants draw on social relationships, including descent, marriage, ethnicity, and patron-client ties to defend their rights. A Yoruba cocoa farmer’s heir may have rights that conflict with those of his wives, sharecroppers, or other children who worked the farm (Berry, 1989). Child heirs in Cameroon often find that their land has been left to a trustee, who in turn has rented it out. If the borrower has planted it with trees, he has a claim over the property (Guyer, 1984, p. 68). The right to transfer land to outsiders has been particularly contested. In Oumé, these conflicts are largely between the village or district heads who were the early grantors and the heads of smaller family groups who made later transfers (Chauveau and Colin, 2010).

6.1.2. Disputes over rubber. Colonial reports frequently state that most land disputes in Benin revolved around tree crops. Rowling (1948, p. 5) wrote that food cultivation led to “remarkably little friction ... what litigation there is concerns permanent crops.”

⁶¹NAI, BP 111/1925 Appeal Against the Oba’s Judicial Council, 8 Feb, 1929: Obasohan to Resident and 26 March 1929: Oba to Resident.

⁶²NAI, Ben Prof 1 BD 65 Vol 7: Petition Benin Native Court, 17 Oct 1935: Aghaedo to DO Benin City and 16 Oct 1935: Aghedo to Oba.

All recorded instances of trespass involved permanent crops (p. 6). Courts recognized that tree crops were different; while they would not order uprooting of food crops in a trespass case, they would do so for rubber, though aggrieved owners could not take the law into their own hands (p. 7).

Respondents frequently stated that they had not had disputes over their rubber farms, because they were careful to use fire-resistant trees to demarcate their boundaries.⁶³ According to one interviewee:

According to the tradition of the land in this Imasabor village nobody has boundary dispute because our fathers used life trees to mark their boundaries except now that greed is setting into people in other community because they have people in power would try to shift the boundary we share with them but within our community it can't happen.⁶⁴

Despite these precautions, disputes did occur, and often concerned boundaries. In a 1936 case, the plaintiff claimed that he had been driven out by the defendant eight years before. On finding the bush cleared in 1935, he had left a *juju* in the farm until the defendant's father begged him to remove it. The plaintiff then planted rubber in the plot, while the defendant planted yams. The year of the suit, the defendant cleared an adjoining portion and planted rubber, telling the court that he was a "son of the soil," and that there were pineapple and kola trees to mark the boundary.⁶⁵

Inheritance was also a source of trouble. In a 1947 suit, the plaintiff told the court that his father had three rubber farms, which along with a goat and £4 were given as bride price to the defendant. Since his father's death, the defendant had been "troubling" the plaintiff with *juju*, though she claimed to have planted the farms herself. The court found for the plaintiff on the grounds that the property had not been shared on his father's death.⁶⁶

6.1.3. *Embeddedness*. As with the disputes that existed over sales, conflicts over rubber were embedded in social relations. In an otherwise unremarkable dispute from 1944, the plaintiff believed the defendant bore malice towards her because his daughter had married her ex-husband.⁶⁷ Similarly, the plaintiff in a 1946 case told the court that, after the death of their mutual father, the defendant had inherited three of his rubber farms. On learning that he was born to a different father, she sued to recover these. The defendant replied that "[h]e was my father before he died," and claimed to have paid £4 of his adoptive father's debts, while the plaintiff had only paid £3. After losing the case,

⁶³Interview #2.

⁶⁴Interview #14.

⁶⁵OPA, Obajere Native Court 1936 (No. 282), #204/36 Chief Iduseri of Ogheghe v. Ebose of Ogheghe.

⁶⁶OPA, Egbede NC 1946 # 310: #10/47 Azalakian of Ebue v. Ehigiamuse of Ebue.

⁶⁷OPA, Appeal Civil Record Book #244, Case A 223/44 Edegbe pf Benin v. Inomwan of Benin.

he petitioned the District Officer for a review on the grounds that his expenses in maintaining the farms had not been considered, and that twelve years of “filial duties” to his late adoptive father had gone uncompensated.⁶⁸

Courts were only one venue in which these cases were resolved. One respondent described a dispute that involved his father:

When my father brush the forest he too also brush the forest by my father side and they both planted rubber on their farm after many year the man said the boundary is not where it was before, claiming that part of my father’s farm was his own... We have *odionwere* in this community the matter got to the *odionwere* and the community make peace between both of them.⁶⁹

Individuals, then, had to navigate local politics to press their claims. Samson Odia petitioned the District Officer in 1937, writing that he had sued two persons for damages to his rubber farm on land they claimed. When his first case was dismissed, he appealed to the Oba, who sent inspectors he considered unsuitable. When he asked that chiefs be sent instead, he was upbraided. He found the two defendants discussing the inspection with Chief Oliha at his house; though the Iyashere had awarded him £10, Chief Oliha “being already prejudiced” upset this.⁷⁰ The other parties, for their part, claimed that they objected to the Iyashere “alone” agreeing to award £10 to the plaintiff on his swearing an oath, against the objections of other chiefs.⁷¹

6.1.4. *Inequality.* In the 1920s, officials believed that there was little inequality, as differences in typical farm sizes across the division were offset by varying soil quality.⁷² Blanckenburg (1963, p. 8) believed that, in the 1960s, change was imminent. Increased mobility, the dissolution of pre-colonial land tenure, and the rise of political parties were allowing for “a more developed class structure” than previously. At the time he wrote, however, the only major differentiation was between farmers and Ibo tappers. In his sample, rubber holdings ranged from 8 to 25.5 acres, dependent on how long ago it had been planted, and he believed this would soon become a source of status (p. 16). The extent of land taken was limited by the ability to recruit labor with which to clear it; one respondent told me that, since his friend’s father had more sons than his own father, his friend’s father’s farm was larger.⁷³ Rubber, then, intensified already-existing inequality.

6.1.5. *Women.* The archival record to be too sparse to make generalizations about the impact of rubber on the status of women. While Blanckenburg (1963, p. 17) states that women did not assist in rubber farming, my male and female informants both claimed

⁶⁸NAI, BD 430 285: Petition re: Oba’s court civil case.

⁶⁹Interview #17.

⁷⁰NAI, Ben Prof 1 BD 28 Vol 6: Oba’s Court Appeals: Petition of Samson Odia, 25 March 1937.

⁷¹NAI, Ben Prof 1 BD 28 Vol 6: Oba’s Court Appeals: 25 March 1937: Igiebor and Iyigie to DO Benin City.

⁷²NAI, CSO 26 09125 Assessment Report on Benin Division.

⁷³Interview #14.

to have provided labor for their parents' farms as children.⁷⁴ One case heard in 1944 reveals some of the unique challenges faced by women in maintaining access to land.⁷⁵ The plaintiff sued for a rubber farm, but the defendant claimed that it had originally belonged to her father, who had died eleven years before. The plaintiff enlisted the defendant's former husband as his witness, but on cross-examination he admitted his testimony was motivated by their divorce. The defendant told the court that after the divorce, she had gone to Lagos. She had returned to visit seven years before the case, and found the plaintiff digging ridges for his yams. She "told [her] people," but her new husband would not let her return to Benin until she had borne him a child. When she came back four years before the case, she sued the plaintiff successfully in the ward council. On inspection, the plaintiff's witnesses were hostile to the inspector, while Chief Edohen "who [was] the landlord, denied knowing [the plaintiff] as the owner of the plantation in dispute." The court remarked that the plaintiff was obviously making his claim because the eldest child of the plantation owner was a woman, dismissing his case.

6.1.6. *Identification.* Land disputes in Afenmai were said to be rare. Where they existed, they were attributed to tree crops. Bradbury (1957, p. 96), for example, wrote of Ivbiosakon that "[l]and litigation is very rare, but disputes over the ownership of permanent crops, especially cocoa, are becoming more frequent." At Etsako, similarly, he noted that boundary disputes had been rare in the past, though the introduction of permanent crops and the rising value of the palm oil industry had created pressures to define boundaries between villages (p. 106).

The types of disputes concerning land not planted to rubber that were heard before the Native Courts tended to concern damages to standing crops, and not more fundamental rights. Typical claims include larceny of cassava⁷⁶ or damages for a farm destroyed by cows.⁷⁷ Disputes over tree crops other than rubber were very similar to those concerning *Para*. In a 1941 case, for example, the plaintiff tried unsuccessfully to claim rents from "Sobos" who were reaping the fruits of palm trees his father had planted.⁷⁸ They were paying a group rents of 8s to the defendant's brother, but the plaintiff wanted each of them to pay 1s. The case was dismissed on the grounds that they had paid for what they reaped.

6.2. **Conflict with outsiders.** Migrants who entered Benin throughout the colonial period were a source of both rent and resentment, but few of these came to plant rubber. The stranger planters that did exist had more limited rights than locals and faced opportunistic eviction. The ethnic dimension of these conflicts was muted, but in some cases

⁷⁴e.g. Interview #24.

⁷⁵OPA, Court Cases 1944 #90: #1127/44 - Edegbe of Benin v. Imemwan of Benin.

⁷⁶Benin Native Court 1931-32 #129: #583/32 - Akpakuma of Urokuosa v. Enoruwa of Ahue Camp.

⁷⁷Egbede Native Court 1939-40 #6/39: #58/39: Igabari of Igbogile v. Ekhaton of Uobe.

⁷⁸Benin Civil Court Record Book 1941 #15: #482 and 483/41 J.N. Aimufua of Benin v. Agbonfo and Osuya.

invoked strategically. Most tappers were migrant Ibo, and conflicts with these communities focused on assimilation and political control, not land.

6.2.1. *Other African cases.* Berry (1989) argues that migrants have acquired land through “economic” relationships that also entail subordination, dependence and aspects of “patron-client” ties. Sales to these strangers have been reinterpreted later as customary tenancies, and conflict emerges between descendants of landowners and planters. Robertson (1982), for example, writes that suppliers of land Ghanain *abusa* contracts see these as labor hire agreements, while suppliers of labor view them as land leases. In Oumé, urban returnees since the 1980s have pressured family heads to recover land transferred to migrants (Chauveau and Colin, 2010).

6.2.2. *Outsider planters.* In Benin, it was not generally the case that non-Edo strangers were planters, though many wealthier Edo planters were chiefs, traders, and colonial employees resident in Benin City (Usuanlele, 2003), and later Lagos, Ibadan and Kano (Udo, 1975, p. 79). This is a contrast with other African experiences with tree crops. In some parts of the Benin Province, strangers were barred altogether from planting. One respondent told me that:

In our village a non-native or foreigner are forbid[den] from planting rubber or oil palm... No it's not the Oba that made the rule but the community that made the rule to protect and guide the future generation. That if you allow the non-native to permanent crops by the time they had gone those people will start claiming ownership of the land. The only way to prevent dispute in the future is to prevent them from planting permanent crops.⁷⁹

For strangers that did plant, their rights were not the same as those of locals. For example, when a stranger grantee died, the Oba would insist on primogeniture and not the stranger's custom of inheritance (Rowling, 1948, p. 10). By the late 1930s, the Oba and Council were “inclined to be chary” about applications by strangers to plant permanent crops, because they could not be sure of their willingness to recognize their authority, and were concerned about keeping enough land available for future generations (Ward-Price, 1939, p. 117). Rowling (1948, p. 10) found that opinion was “rigid” that non-Edo must not have unqualified rights in land and must hold their land from the Oba. The defendant in a 1942 case, who was accused of attempting to sell his rubber farm to a non-Edo, pleaded guilty on the grounds “because I am hungry.” The court reminded him that it had been prohibited to sell to foreigners “so as to avoid land disputes and confusion.”⁸⁰ Non-Nigerians were not allowed by Government policy to hold permanent interests in land. One Leacock, an employee of the Public Works Department, was discovered in 1928 to have planted rubber near the Ogba Water Works as a

⁷⁹Interview #4.

⁸⁰OPA, Ehor Umagbae Court of Appeal 1941-42 #176, #37/42 Gbinoba Odionwere of Okemuen v. Alue of Erhunmwusee Camp.

foreigner without permission or lease. The Native Authority sued him in the Provincial Court, and received judgment for the farm, which they began to lease out for £1 per year from 1929.⁸¹

6.2.3. *Disputes.* Disputes exist where these strangers were opportunistically threatened with eviction. Two 1941 cases⁸² concerned the position of strangers in Ekhor. Some five years before, strangers had planted rubber there, paying initial fees of either 2s or 4s/6d to the *odionwere*. When the Oba and District Officer ordered that strangers could not plant permanent crops without permission from the *odionwere* (see section 5), some of the local Ekhor complained, threatening these strangers. They responded by grouping together to pay 10s each additionally to the *odionwere*. In a separate case from 1936, one petitioner complained to the District Officer that he was being evicted from Obajere after eleven years.⁸³ He claimed that the scribe of the Oba's court had already convinced the Obajere people to divide his rubber farm in two, taking half. "Not content with that," the petitioner wrote, "he started worrying me to leave Obajere saying I was not born there and could therefore have no land interest there. By his instigation the Obajere people rooted some of my rubber trees and he himself planted some rubber trees at the entrance of my plantation." The Obajere people demanded presents of 6s and 10s, but the clerk ordered them to return the petitioner's money "as he did not wish them to soften" towards him.

As land scarcity became more apparent throughout the colonial period, these demands became more insistent. In a 1957 suit, the complainant claimed that he had lived in Ugbeka for ten years when the first of the accused returned from Benin, asking one of the plaintiff's witnesses to quit his farming plot, since it had belonged to his father. He then recruited five others to help him destroy the plaintiff's rubber and cassava crops. The plaintiff's witness took out a civil action, but "to avoid trouble," the plaintiff told the court "he kept quiet and repented to the police." He suggested that the *odionwere* had sent the accused to destroy the crops.⁸⁴ While I have found only limited evidence of conflict precipitated by return migration in colonial Benin, it was not altogether absent. The complainant in a 1957 suit told the court that he had lived in Obagie Village in Ugbeka for ten years before the first accused returned from Benin, asking the plaintiff's witness to quit his farming plot because it belonged to the accused's father. He then enlisted five

⁸¹NAI, BD 207 154: Petition re: rubber estate.

⁸²OPA, Egbede NC and Civil Record Book 1941 No. 174A: #229/41 Oke of Ekhor v. Okuoghoe of Ekhor and No. 174A: #228/41 Oke of Ekhor v. Osakhuawonmwun of Ekhor.

⁸³NAI, BD 153 Petitions Obajere NC: 27 Oct 1936: Osaze to DO Benin.

⁸⁴OPA, Native Court of Appeal, Benin City 1958-59, A 255/57 L.G. Police (?) v. Osagie and Others of Obagie Village in Ugbeka.

others to destroy the plaintiff's crops, with the *odionwere's* assistance.⁸⁵ Rowling (1948, p. 4), similarly, wrote that a claim over fallow could be upset in favor of a Bini man.

The ethnic component of land conflict was not prevalent in Benin, but it existed when the disputants felt they could profit by highlighting it. The plaintiff of a suit from the 1930s sued the owner of a rubber farm in the Magistrate's Court; the case was transferred to the Native Court, at which point he wrote to the District Officer that he did not want the case to be heard there, on the grounds that he was "an ISHAN and the Defendant a Benin and under all circumstances, there will not be justice in the Native Court."⁸⁶ One complainant from 1944 wrote to the Resident that he was a native of Evbronogbon-Jesse, whose father had been one of the settlement's founders. Evbronogbon had recently been transferred from the jurisdiction of Benin City to Jesse in Warri Province. Chief Umayan, a council member at Jesse, then led a campaign to stop him from tapping his rubber unless he paid £10 in yearly rent.⁸⁷ The Jesse Council denied that his father had founded the settlement, and directed the District Officer to a Native Court case in which he had admitted their claim.⁸⁸

6.2.4. *Tappers.* Most migrants in the rubber industry were tappers, not planters. They were mostly Ibo, with some Urhobo. Disputes with these strangers focused less on land and more on their failure to assimilate and their supposed evasion of taxes and rents. Udo (1975, p. 34) that Edo migration after 1960 was "essentially internal, being concerned with the expansion of rubber which foreigners are not normally permitted to cultivate, although many migrant farmers operate rubber farms as share-croppers while many others have had rubber estates pledged to them by bankrupt indigenous farmers." Tappers lived in small camps by the farms. In Ogwashi-Uku of Asaba Division, where migrants were Ibos and Isokos, locals felt that they

"live out in the bush, adopt wasteful farming methods, create trouble, evade tax and are not amenable to control...they lead an unassimilated life of their own, buy, sell and lease house property, take up farms in the nearby bush, ignore the chiefs and are still not amenable to control" (Udo, 1975, p. 128).

The people of Akuku-Atuma village demanded that all migrants leave in 1946, while Okpanam village accepted a limited number on the condition that they lived in the community and not in the bush (p. 131).

6.2.5. *Expatriate planters.* Government policy limited the extent to which locals and expatriate plantations competed for land. This is one of the reasons that smallholders

⁸⁵OPA, Native Court of Appeal, Benin City, 1958-59, #A255/57: L.G. Police v. Osagie and others of Obagie Village in Ugbeka. Because the court found that the dispute had already been settled as a civil case, no judgement is recorded about the credibility of this accusation.

⁸⁶NAI, Ben Prof 1 BD 65 Vol 11: Petition Benin Native Court: 24 Oct, 1936: Sado to DO.

⁸⁷NAI, WP 149 rubber production: 4 Dec, 1944: Chief Ireto Olutse to Resident Warri.

⁸⁸NAI, WP 149 rubber production: 19 June, 1944: Jesse Chain Council to DO Jekri-Sobo.

remained competitive relative to plantations. In 1898, Bleasby, the African Association, and Miller Brothers all applied for concessions in the Benin area. The High Commissioner worried that they would attempt to work these as fast as possible, drain them, and then move elsewhere, and so rejected them (Udo, 1965, p. 358). Miller Brothers' two thousand acre plantation near Sapele was the first "plantation" in Southern Nigeria, started in 1905. While Palmol began operating in the Cross River area in 1907, both of these were on land leased from the African owners in districts Udo (1965, p. 364) felt were still sparsely populated in the 1960s. The United Africa Company applied to lease land in the Sapoba Forest Reserve for a rubber plantation in 1937; one official commented that he could "imagine few proposals with less merit," and the Governor declined to approve the request.⁸⁹ Even without this policy environment, Bauer and Yamey (1957, p. 94-95) have noted that rubber smallholders can remain competitive; for example, their factor intensities can differ from plantations not due to inefficiency, but to the different cost constraints that they face.

Though only roughly 5% of Nigeria's production of 60,000 tons of rubber in 1961 came from large plantations (Udo, 1965, p. 367), those that did exist competed with locals for land, and faced concerted opposition. In 1930, I.T. Palmer, a Yoruba, applied for a lease of 640 acres near Umutu on the north side of the Ethiope River. The local chiefs and people, mostly locals and Kwale settlers, were strongly opposed to this on the grounds that it would reduce the land they had available for farming. The Resident, Warri, felt that the Kwale settlers would be particularly hurt due to the shortage of land in their home district. The Resident, Benin, refused to support Palmer's application.⁹⁰ Similarly, the Benin Farmers' Union (a buying ring formed during the 1930s to negotiate prices with companies and the state) held a meeting in 1953 with representatives of the Rubber Trade Association of London in order to oppose the proposal for a 4,000 acre farm at Usonigbe. They claimed that it created the appearance of "competition between the Government and us farmers and thereby leading to the ultimate rejection of the production from our existing plantations." They charged that plantations owned by the United Africa Company and the West African Institute for Oil Palm Research had been previously advocated as feeders for existing farmers, but that these plans were later changed and permanent plantations established.⁹¹

7. CONCLUSIONS

As in much of Africa, the introduction of *Para* rubber as a tree crop in colonial Benin increased the permanence of land rights, weakened communal control over land, and

⁸⁹NAI, CSO 26 33854 Application by UAC for Lease of Land: 13 Dec, 1937: Secretary, Southern Provinces to Chief Secretary, unsigned margin note.

⁹⁰NAI, BD 36 1929 Palmer Application for Lease of Rubber Plantation. 2 April 1930: Resident to Assistant Commissioner of Lands, Southern Provinces.

⁹¹NAI, BP 1273: Rubber Industry Benin Province: 20 Nov, 1953: Director of Marketing and Exports to Resident.

spurred both temporary and permanent market transfers of land. Rubber increased the size of farms. Disputes came as the consequence of rentals, pledges and sales. The former focused more on terms and conditions, while the latter often involved attempts by sellers' families to reclaim land that had been lost, or to contest who had the right to make a sale. Social acceptance of sales was not immediate or widespread, and the more profound change in land tenure was a shift from acquisition by clearing to acquisition by inheritance.

Rubber led to disputes over land. Within communities, these focused on expropriation of communal land, boundaries, and inheritance. These disputes were socially embedded, and courts were only one venue in which they were pursued. Stranger planters held fewer rights than Edo-speakers, and were opportunistically evicted, but their presence was minimal relative to other cases of African tree crops. Rental and sharecropping of rubber farms to Ibo tappers did lead to tensions, and colonial officials worried that these contracts did not create incentives to preserve the health of the trees. Commercial plantations competed with locals for land, though their presence was restricted by government policy.

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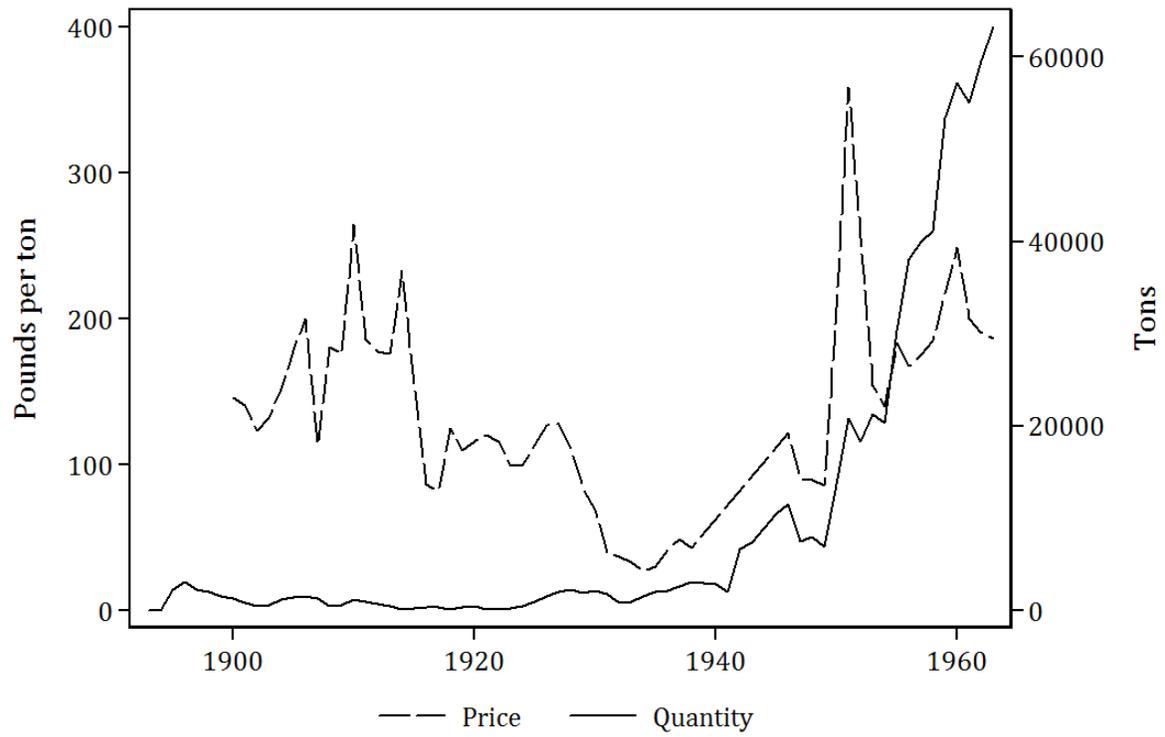
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FIGURE 1. Colonial southwestern Nigeria



Source: Willink Minorities Commission. Downloaded from www.waado.org.

FIGURE 2. Nigerian rubber exports and prices over time



Source: Ansel (1965).

FIGURE 3. Farm prices over time



Notes: The solid line is the result of a locally weighted running mean smoother with a bandwidth of 1 of the nominal sale price against the year of sale, omitting one outlier of £70.

APPENDIX A. LIST OF SALES

TABLE 1. Sales

Year	Price (£)	Source
c. 1917	21.67	NAI, Ben Prof 8/1/3 Civil Judgment Book 1911-1921: Erumuse v. Obaseki (1921) #4/21.
c. 1935	6.00	OPA, Appeal Civil Record Book #244, No number or parties, from 13/1/44.
c. 1937	70.00	OPA, Benin Native Court #315, 1945-46: #252/46 Ayi Belo of Benin v. Amadasun of Benin.
1937	4.50	NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 31 May, 1944: Edebiri to DO, Benin City.
1938	2.50	NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 23 Nov, 1941: ? to DO, Benin Division.
c. 1938	11.00	NAI, Ben Prof 8 1 9 Civil Record Book 1936-1938: Obaze of Benin v. Osague of Benin (1938) 58/38.
1939	1.50	OPA, Benin Civil Court 1942 No. 138: 425/42 J.C. Edebiri of Benin v. Okhuasuyi of Benin.
c. 1939	5.00	OPA, Appeal Civil Record Book #244, No number and parties, from 133/1/44.
1939	1.50	NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 31 May, 1944: Edebiri to DO, Benin City.
c. 1940	10.00	NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 28 Aug, 1942: Idahosa of Benin to DO, Benin Division.
c. 1941	5.00	NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 22 Nov 1941: Petition by Guobadia.
c. 1941	30.00	NAI, Ben Dist 1 BD 28 Vol 11 Oba's Court Appeals: 28 Aug, 1942: Idahosa of Benin to DO, Benin Division.
1941	9.00	OPA, Benin Criminal Court 1941, #4/41 B, #1667/41 - Omorodion Ekegbian of Benin v. Osazuwa of Benin.
c. 1947	3.50	OPA, Benin Civil Court Record Book 1941 #15, Eubakhaubokun of Benin v. G.O. Ugbouenbon of Benin.
1954	25.00	OPA, Court Proceedings Record Book 1954-55 #52, #843/54 A Izenbokun of Benin City v. Igberiohene of Benin City.
c. 1957	25.00	OPA, File A201/57 Hamilton v. Ayevbomwan Okundaye.
1958	16.00	Osagie (1988), p. 55.
1959	25.00	Blanckenburg (1965).
c. 1962	37.00	OPA, Civil A 74/62 - Anthony Eweka v. Omoruyi Amayo.

Notes: "c." given when a participant states the land was sold, for example "about four years ago." If several plantations are sold at once, I treat it as one observation and take the average price.