The symbolic role of women in
TROBRIAND
GARDENING

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University of South Africa
Pretoria 1984
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Acknowledgements

I should like to pay tribute to Bronislaw Malinowski for the inspiration of his fieldwork, and for the exciting treatises he wrote on the Trobriand Islanders. Despite acknowledged weaknesses, his acute observation and vivid writing, together with his sensitive awareness of people, have made this theoretical study an enriching experience.

I also wish to thank the following: my MA supervisor, Professor B.A. Pauw, for his help and advice, particularly with regard to ordering the material; Professor J.A.R. Blacking for his continued encouragement and interest; Dr. H.A. Powell of the University of Newcastle-on-Tyne for showing me his illuminating film of Trobriand life, for subsequent informative letters, for keeping me in touch with other Trobriand research workers, and for his helpful comments on the script prior to publication; Mr. Jerry W. Leach, formerly of Cambridge University for discussion and correspondence; Drs. S. Montague and A. Weiner for their helpful letters; Dr. N.D. Munn for permission to cite her paper (1971); the editor of the University of Papua New Guinea publication Man in New Guinea for assistance in trying to trace Trobriand research workers; the late Mr. R.D.J. Fearon of the Department of Ethnography of the British Museum for personal access to book and photo collections; my kind parents, who specially visited the Bernice P. Bishop Museum, Honolulu, to determine whether Trobriand material was to be found there; Prof. J. Willemsen, The Unisa Director of Library Services, and the library staff for their constant friendliness and efficiency.

I am particularly indebted to Mr. R. Fenske, Mrs. A. Polgieter (and her predecessor Mrs. M. Grobbelaar) and the inter-library loan staff for their willingness to assist me in tracing sources; the Microfilm Department especially Mrs. E.V.E. Britz; the friendly photocopying staff, Mr. Pius Nkoe,
Mr. Timothy Nkoana and Mr. Simon Mokhabela who have saved me so much time; the many people who assisted me with ethnographic translation from Italian, French, German, Dutch and Russian; my ever-patient typist, Mrs. M.R. Rebello; Patrick Pearson of the University of the Witwatersrand for his careful reading and assessments when I was preparing the material for publication and Professor W.J. Argyle for his meticulous reading and constructive suggestions concerning presentation of the material for publication; and finally, my resilient husband, who has sustained an interest in the emerging interpretation, diligently read each succeeding draft, and given me helpful comments over many seasons when the yam storehouses were not always full. I can only hope that these numerous friends and helpers will have derived some enrichment from these Coral Gardens and their Magic.

The publication is a revised version of a dissertation accepted for the M.A. degree in the Anthropology Department of the University of South Africa in 1977. The work does not consider publications subsequent to that date.
THE TROBRIAND ISLANDS IN RELATION TO NEW GUINEA

D'ENTRECASTEAX ISLANDS

The map has been adapted from Malinowski 1967, 138 and Weiner 1976, 26.
Introduction

This study stems from my interest in the fulfilment of the individual in literate as well as non-literate societies. I am especially concerned with women because there is a lack of clarity on the position of women in the anthropological literature, which tends towards minimal documentation and the assumption that the female is generally subordinate to the male.1 With some exceptions2 before the seventies it seemed only too true that the study of women was "on a level little higher than the study of the ducks and fowls they commonly own".3 My hypothesis is that woman’s biological nature is a significant factor in her self-realization, provided the culture reinforces it positively; and to evaluate this I examine the position of Trobriand women with particular reference to gardening. Since gardening is the most important activity in Trobriand culture, and the growing of the small yam (taytu) provides the best documented material, it is selected as the focus of the study, with due regard for Malinowski’s statements that women’s position in this culture is of a high order.4 I chose the Trobriand Islanders because there was sufficient high quality ethnographic data for a detailed theoretical analysis.

I have made an extensive study of published books and articles and other documentary sources such as conference papers and university dissertations and theses.5 Every obtainable work referring to the Trobriand Islanders has been read, and as many studies as possible of other Oceanian peoples, particularly those of Melanesia. I ordered any seemingly relevant article and book without regard for the language in which it was written or the difficulty of tracing it. This detailed reading was
then supplemented by correspondence and personal discussion with scholars familiar with the Trobriand Islanders.

The analysis relies primarily on the published works of Bronislaw Malinowski. To a lesser extent I use the research of other anthropologists who have worked in the area. Although most of this research was conducted at least 30 years after that of Malinowski, I consulted every possible source, and wrote to all research workers who could be traced, for evidence that could either provide insights not available from Malinowski's treatises, or reconcile apparent contradictions and supply missing information, bearing in mind the time lag between the various studies and the effect of culture change. I could not obtain works of Guidieri, Haddon, Jansen, Julius, Meintel, Munn, Panoff, Pfund and Weiner. I read Gropper's dissertation but received no reply to a request for permission to cite. I am aware of research conducted in the Trobriands by Professor G G Scoditti and Reverend R Lawton but my attempts to trace relevant publications and establish contact with them through correspondence were unsuccessful.

After formulating the questions in which I was interested I immersed myself in Malinowski's four most comprehensive volumes. Once an initial draft had been written, I began to look for other literature related to the Trobrianders themselves, the customs of surrounding peoples, and even particular culture traits such as coconuts and platforms, in the hope of elucidating their meaning or establishing correlations. Any work that seemed at all related to women, gardening, symbolism, or the interpretation that was emerging, was examined. Most books cited by writers on Oceania were read, and a number of valuable contributions normally overlooked came to light; by this means I gained clarity on horticultural practices and their symbolic associations over a wider area, and these appeared to support the validity of the argument I was advancing.

It is inevitable that there will be certain lacunae in the ethnographic material on which a theoretical treatise is based. For instance, more information on fishing-patterns, the role of pigs, and the magic and practical work of cultivating taro would have been helpful. Such omissions will only be referred to when they particularly affect the analysis. My interpretation pertains especially to Northern Kiriwina and the village of Omarakana, this being the area in which Malinowski conducted his most intensive fieldwork. The material will therefore have a bias reflecting a high-ranking village, but cultural patterns will tend to be
more clearly defined than in a commoners' village. Although there are various systems of garden magic and techniques of working the fields in the Trobriands, they are essentially similar. The system used in Omarakana, the capital of Kiriwina, is regarded as the gardening paradigm. This analysis will accordingly centre there unless a system from a different area provides greater clarity.

With regard to terminology, I have departed from Malinowski's nomenclature in the use of "display" storehouse for "show" storehouse. Since what Malinowski calls "sub-clan" appears to have characteristics of a clan on the one hand and of a lineage on the other, Malinowski's "sub-clan" has been retained. Malinowski's usage of "chief" is followed although it seems that this could often refer to a village headman. Where indigenous words are unavoidable, I have retained Malinowski's spelling. Oceanian islands are referred to by the names used in the reference quoted, even though some have since altered.

In studying the position of Trobriand women in gardening I do not consider it sufficient merely to consider the physical labour performed by women in the context of the islanders' horticultural activities. I have therefore made a detailed analysis of the symbolism that dominates gardening to ascertain woman's relationship to it, and I have also made a structural analysis of the language of ritual and the terminology of gardening to try to establish how these reflect on woman. Although my primary concern is with the position of women in gardening, I finally correlate this with her position in the culture as a whole by considering certain dominant cultural themes and the interrelation of different aspects of the culture.

It should perhaps be made clear that in providing this interpretation of Trobriand symbolic behaviour I do not assume that the people themselves consciously formulate the notions which I propose, nor that the symbolic categories here presented form conscious motivation for their actions. However, I have no doubt that symbols have a profound effect on the actions of the individual, and the use of certain categories and cognitive processes as reflected in symbolic life reinforces behaviour patterns by compelling the mind to apprehend in a certain way. I also believe that if we are to understand social life more fully then we need to address the problem of interpreting the symbolic dimension of action-patterns. Since this is not a fieldwork study but a theoretical analysis of the literature available on Trobriand life, and because of the multivalent qualities of symbols, it is possible that this analysis may be considered too one-dimensional. I hope the argument that it advances
will nevertheless enable us to gain a fuller picture of the cognitive life of the Trobriand Islanders, and hence develop less simplistic assumptions of the position of women and men in preliterate society.

Notes

1 Wedgwood 1937 401–402; Evans-Pritchard 1965 38–41, 57; Heuer cited by Webster 1973 113; cf. e.g. Linton & Wingert 1946 16 (Fiji, Polynesia), 35 (Marquesas, Polynesia); Hoebel 1954 286
2 E.g. Wedgwood 1927 381–382; Wedgwood 1937; Thurnwald H. 1934; Schmidt 1935; Landes 1938; Kaberry 1939; Kaberry 1952; Leith-Ross 1939; Schapera 1940; Mountford & Harvey 1941; Opler 1943; Scheinfeld 1947; Bemdt 1950; Mead 1950; Richards 1956; Scobie 1960; Pauline ed. 1963; Campbell-Purdy 1967
3 Ardener 1972 136
4 Malinowski 1966 I xix, 8–10, 12, 20, 30, 32, 34–35, 48, 52–53, 56, 80, 83; Austen 1945–46 35; Malinowski 1922 54–55, 280; Malinowski 1932 15, 23–25
6 Gropper 1970
7 Anon. 1973a 17; Anon. 1973b 34; Anon. 1974 14; Anon. 1971 20
8 Malinowski 1966 I, II; Malinowski 1932; Malinowski 1922
9 Malinowski 1966 I 84, 366, 430–431; Malinowski 1932 112, 386; Malinowski 1922 63, 66; Powell 1953 2
10 Malinowski 1966 I 273, 275–277; Austen 1945–46 35
11 E.g. Malinowski 1966 I 84, 86, 273
12 Malinowski 1966 I 228–232
An outline of gardening activities

Gardening in the context of Trobriand culture

The Trobriand Islanders are renowned for their participation in the kula (overseas expedition for ceremonial exchange). Although they are well-known in Papua for their excellent gardens (carefully detailed by Malinowski), their horticultural activities have received little analytical attention from scholars. Besides being gardeners, they fish and tend semi-cultivated palms. They evince a belief in ancestor spirits though their ritual is predominantly magical. Their political organization operates at the level of villages which are associated with matrilineal sub-clans and are interlinked through sub-clan exogamy and the inland and overseas kula.

In the Trobriand Islands tribal life is centred on gardening in which the northern districts of Kirwina and Tilataula are unrivalled for their horticultural excellence. Moving south from Kirwina, the significance of gardening for subsistence tends to diminish and fishing assumes greater importance. Several species of the yam family (Dioscoreaceae) are grown, the favourite and staple food especially of the north being taytu – a relatively small variety of yam – presumably Dioscorea esculenta. Although this little yam is susceptible to pests, is destroyed by pigs and needs careful nurturing, it stores well and is the centre of much magic and ceremonial.

In the more southerly and swampy areas of the main island of Boyowa (or Kiriwina) larger yams, apparently Dioscorea alata, and taro (Colo-
casia esculenta) have a greater economic utility than taytu. Three crops of taro (Weiner says two) tend to be planted annually compared to one of taytu. Sugar-cane, bananas, pumpkin, gourds, peas, sweet potatoes and large yams are grown as subsidiary crops. Because they are for the most part not treated ceremonially and there is little information of relevance to this study either on them or on the semi-cultivated palms, their cultivation will not be discussed. Mixed planting of these subsidiary crops is followed by cultivation principally of taytu in the main gardens (kaymata) which form the focus of the islanders’ attention and ceremonial.

An association exists between the garden, the village and the sub-clan. The focus of the Trobriand village is a large, open, central area (baku). The gardening council, filling of storehouses, feasts, dances and ceremonies are held here, for this is the arena of public life. In some villages a magnificent taytu display storehouse belonging to the chief dominates the central place. The village centre is typically surrounded by a circular row of display storehouses owned by men of rank. They exhibit the wealth of the village received as urigubu (matrimonial harvest gifts) and are well-constructed, decorated and raised off the ground. A circular street passes round these display storehouses, and beyond it an outer ring of somewhat shabby dwelling-houses, unostentatious and flush with the ground. A number of roads pass into the village and one road leads from the village into the garden.

A village is associated with one or more sub-clans. When there is only one sub-clan, members of the village, by virtue of belonging to the sub-clan or residing in its village, may exploit the village territory, ownership of the village and its territory being vested in the sub-clan concerned. When the village has more than one sub-clan, one of these is dominant, and the picture of land tenure is more complicated, but the basic principle remains unchanged. In theory, chiefship is ascribed to the senior male of the highest ranking lineage of the dominant sub-clan. However, Powell indicates that in most cases such leadership is achieved within the "owning" sub-clan. The chief represents the village in social, magico-religious, legal and political matters and presides over the organization of gardening.

Each village or part of it has cultivable land which is worked by its inhabitants. The garden is associated with the territory of the village sub-clan. As is indicated in Figure 1, the garden is enclosed and is
Figure 1

PRINCIPAL FEATURES OF THE GARDEN ENCLOSURE

1. Road from village
2. Village stile
3. Stile at far end
4. Standard plots
5. Main magical corners
6. Individual plots
7. Sticks overlaid on plots

Adapted from Malinowski 1966 I figure 4(89), figure 5(100)

divided into plots (baleko) with fixed perimeters. These plots are individually owned by men. Every male village member cultivates at least three plots of land within the garden enclosure, whether or not it
is his sub-clan land. The actual number of plots worked depends on the man's strength and efficiency, but he requires a minimum of one plot whose produce will support his household, as well as another to meet his uriguba commitments.\textsuperscript{39} With the exception of a few widows, a Trobriand woman never works the soil independently: she must always work with or for a male in the garden.\textsuperscript{51}

Each plot is usually subdivided into a number of squares which are demarcated by the placement of sticks.\textsuperscript{22} All four corners of a plot are treated with magic, though each plot has one main "magical corner".\textsuperscript{23} Where the village road joins the main road running through the garden, a stile is built.\textsuperscript{34}

The first plots on the way out of the village usually belong to the chief, his kinsmen or an esteemed gardener; they are called the "standard plots" (leywota). They serve as examples of the standard of gardening required and are the pride of the village. As such they are meticulously worked and receive the fullest magical treatment of all the garden plots.\textsuperscript{56} Each new phase of garden work is always begun on the standard plots, and until work is completed on them no succeeding stage may be inaugurated. The progress of work on the other plots must correspond with the stage of gardening evident on the standard plots.\textsuperscript{57}

Successful cultivation of the gardens is considered to be as dependent on magic as on practical work.\textsuperscript{38} Proficiency in garden magic is closely linked with village headmanship and hereditary rights over land. The head of the village, who comes from the owning sub-clan, is usually also the garden magician and leads the gardeners, though he may delegate this function.\textsuperscript{59} The magic of the gardens is founded in myth and performed by the male village garden magician (towosi) i.e. the chief who usually inherits his position and magical system matrilineally; he is the repository of magical lore.\textsuperscript{60} He is genealogically related to the original ancestress (or ancestral sister and brother) who founded the sub-clan associated with the ownership of village land. This ancestress emerged from a hole in the area, bringing with her the system of garden magic which is still followed by her descendants who live and garden there. Thus Trobriand mythology locates the origin of the people in the soil,\textsuperscript{41} and there is a matrilineal focus to the concepts of land and labour. Malinowski observes that land for the Trobriander is the real mother earth who brought forth his lineage in the person of the first ancestress, who nourishes him and will receive him again into her womb.\textsuperscript{42} It is possible that such a unified vision of mankind and the
soil will influence the nature of Trobriand horticulture and the work performed by women and men.

The group of gardeners comprises a nucleus of men of the land-owning sub-clan, who constitute the core of village residents, as well as alien residents, and their dependants. A high-ranking sub-clan of a village, acknowledged as the owners of the village territory, normally provides the garden magician under whose leadership the magic and labour of the gardens is performed. In compound villages where there are a number of sub-clans, there may be several gardening groups or teams, each with its garden area and its own garden magician. Thus there is a distinct association between the sub-clan and an area of garden land. Since the male matrilineal head of the village or sub-clan performs the garden magic and normally owns the standard plots, these plots appear to symbolize the identity of the matrilineal sub-clan.

Principal stages of taytu production

There are four main stages in Trobriand gardening: initiating garden work; planting and garden preparation; continuing care; and harvesting. Each new type of work is inaugurated by a magical rite. What follows is a brief review of these stages and the organization of labour that pertains to them.

At the outset of each gardening season the village men, in council, determine the allotment of plots to be cultivated. This is done under the direction of the garden magician and chief. The garden magician’s wife is mentioned as providing the men with refreshment. The magician and village men are active in the grand ritual which opens the gardens. This involves a festive meal, an offering, a recitation of the central spell in the magic of gardening (vatowi), use of key magical substances and a magical rite. Women only participate in so far as they prepare fish for the meal.

After this ceremony the men cut the scrub. Women assist in clearing the gardens. When the brush is cut and left to dry in anticipation of the burning, festivities connected with Milamala (ceremony of the return of the ancestral spirits) occur. The garden magician and his assistants then immerse themselves in a prolonged burning ceremony which entails a four-day gardening taboo. A woman of high rank participates in these ritual proceedings. Each nuclear family is involved in preparing its own plot for planting, and removing debris and roots from the ground. There is no absolute division of labour at this stage, but the
clearing of garden refuse is predominantly executed by women, while laying out the boundary poles and sticks demarcating plot divisions is usually done by men. The fence enclosing the gardens is constructed, each owner assisting by erecting that portion where his plot borders the bush. In addition a stile is built wherever a path meets the garden enclosure.

The erection of a magical prismatic construction (kanokoka) on the principal corner of every plot is performed by the garden magician in conjunction with his acolytes. But in Kurokayva, in the Kiriwina district, there is another part to the ceremony involving all the villagers, including women. The women cook taytu (small yams) and are present at the taytu distribution which takes place in the garden. The taytu also serve as an offering to the ancestral spirits. The women then return home with the taytu and the men continue with the ceremony. Once it is completed the main planting of taytu may begin. Men predominate in this activity and customarily perform it communally. Taytu supports are erected.

The garden magician utters a number of magical spells to promote taytu growth. He also initiates weeding by conducting a simple magical ceremony with a spell. Weeding continues steadily until the taytu vine is well developed. Women often weed communally, during which time the work is punctuated by competitive wagers, corporate eating and gossip. Only women may weed. Men may not approach a party of women weaders: if they do, those from the women’s own community may be abused verbally while strangers might be physically maltreated. Women living in the southerly areas of the island of Boyowa or on the island of Vakuta may accost any man from another village who happens to pass within sight during communal weeding. At this time they have the right to degrade such a man sexually, pollute him with physically obscene behaviour, and sadistically handle and torment him by genital manipulation, defecation and micturition until he “will vomit, and vomit, and vomit.”

During this period of continuing care of the garden the men are no longer as absorbed in their work. Their duties are restricted to protecting the gardens from pests, repairing fences, thinning out tubers, and training and tying the vine foliage over the supports. In districts where overseas expeditions for the kula occur, the majority of men migrate to other villages for a number of weeks. Elsewhere, time is spent in fishing excursions and leisure activities.
The garden magician, still preoccupied with the sound formation of the taytu (small yam), vigilantly continues pronouncing spells to that end.\textsuperscript{6} \textsuperscript{5} A ceremony performed by the garden magician together with the village men, introduces the thinning of the tubers by the men.\textsuperscript{6} \textsuperscript{6} Maturation of the crops coincides with increased village excitement, which comes to a climax as the pinnacle of the gardening year is reached at harvest.\textsuperscript{5} \textsuperscript{7} The garnering of large yams and taro occurs before the main harvest of taytu. It is ushered in by a magical ceremony involving the garden magician and village men.\textsuperscript{6} \textsuperscript{8} The garnering of taytu is of singular importance in Trobriand life.\textsuperscript{6} \textsuperscript{9} When the taytu vine begins to wither and droop, indicative of ripe tubers, the garden magician performs the preparatory ceremony (okwala). The magic of this rite is given a few days to infiltrate the tubers in the garden, after which the main ceremony (tum) occurs.\textsuperscript{7} \textsuperscript{0} The day after the garden magician has recited the principal spell of Trobriand magic (vatuvu)\textsuperscript{9} over an adze, a small group of men, women and boys accompanies him to the main standard plot where a ceremonial act of harvesting takes place.\textsuperscript{7} \textsuperscript{2} Harvesting is usually undertaken by family groups on their own plots. The man normally extracts the roots, the woman cleans and carries them to an arbour where they are stacked by the man; but the division of labour is not always strictly observed.\textsuperscript{7} \textsuperscript{3} A man builds as many arbours as the number of matrimonial harvest gifts (uriguba) for which he is liable.\textsuperscript{7} \textsuperscript{4} Finally, young women and men, related to the gardener and his wife, festively transport the uriguba taytu to the storehouses associated with married female members of the gardener’s sub-clan.\textsuperscript{7} \textsuperscript{5} These kinswomen provide refreshments to the donors and their assistants after they have fulfilled the storehouses.\textsuperscript{7} \textsuperscript{6} The garden magician (towosi), now termed tovlimaia, treats the storehouses and their new taytu with the vilamaia (magic of plenty and village prosperity).\textsuperscript{7} \textsuperscript{7} The cycle of gardening is now complete.

Production of other crops

There is little specific information concerning the production of secondary crops,\textsuperscript{7} \textsuperscript{8} and the extent of women’s involvement with them passes unmentioned. They receive their own magical treatment; this resembles that of the main taytu gardens, yet is more limited. In contrast to taytu production for matrimonial gifts, these crops are grown for home consumption.\textsuperscript{7} \textsuperscript{9} Women are said to have sweet-potato plots.\textsuperscript{8} \textsuperscript{9} In the south the ceremonial crop is taro, not taytu, but there is some
evidence of parallel magic with taytu in the inaugural rite, the burning, magic concerned with the kamkokola (magical prismatic construction) and growth. No weeding or thinning rites occur, however.\textsuperscript{8,9} The garden magician's wife makes a brief appearance when cooking food concerned with the inaugural tare rite, and women are present at the opening feast.\textsuperscript{9,10} Women primarily perform the practical tasks of clearing, heaping refuse and weeding.\textsuperscript{9,11}

**Extent of women's activities in gardening**

Although the above summary might suggest that women participate in the majority of gardening activities, in fact Trobriand gardens are invariably the domain of men both in work and magic. The extensive Trobriand horticultural information actually makes only sporadic reference to women, particularly with regard to the ceremonial of gardening. They are mentioned mainly with regard to cooking, handicrafts, and transport.\textsuperscript{8,14} The chief's wife and the wife of the garden magician are noted as assisting in a few ceremonies, principally in a culinary capacity.\textsuperscript{8,15} Women are alluded to intermittently in the working of the gardens, usually in connection with the sexual division of labour and the family unit, or briefly in the grand inaugural and burning ceremonies.\textsuperscript{9,16} Their presence is remarked on in the kamkokola (magical prismatic construction) ceremony and the main harvest.\textsuperscript{9,17} They predominate in the latter part of the horticultural year at weeding.\textsuperscript{9,18}

In the light of the terrors of information on gardening, such slight documentation suggests minimal female participation. It should however be noted that the mythology of gardening is matrilineal, according to which the first ancestress who emerged from the ground was a woman, and furthermore that women are cited, albeit cursorily, in a number of gardening spells.\textsuperscript{9,19}

The evidence indicates that women hardly ever participate in the important horticultural ceremonies meticulously observed and esteemed by the community.\textsuperscript{9,20} Nor does the ethnographic information indicate how much of the official garden magic women actually know. Malinowski writes obscurely that "the natives are familiar with every spell" and that "every member of the community is aware of each spell being performed".\textsuperscript{9,21} There is vagueness in statements referring to community knowledge of gardening spells: "They have been heard by everyone, and most natives know them by heart."\textsuperscript{9,22}

From such information one cannot categorically assert whether women
are included. The material creates the impression that only men are implied. Although gardening spells are uttered aloud, women are not present for the major part of all but a few magical performances and thus remain unexposed to them. The spells are not esoterically guarded: Malinowski stresses that every man in Omarakana would recognize a text from his community’s official magic, yet it would be improper for any unsanctioned person to repeat them.

Finally, the ethnographer explains that public garden magic though very often carried out by the magician alone, is yet of such a character and performed under such circumstances that most men know the spell, are aware of its performance, are very keen that it should be properly recited and the rite impeccably carried out, so that the magic may produce its effect. One can only deduce that women are not implied in Malinowski’s statements concerning the possession of a full knowledge of gardening spells and magic by the community.

In practical work also, women assume a lesser role than men. They have a part to play in preparing the new gardens and in harvesting, but these activities are performed in conjunction with men. The one gardening phase which undeniably belongs to women is weeding.

At first sight the horticultural evidence portrays Trobriand women as playing a minor part in this significant feature of their culture, in the manner of certain of their New Guinea counterparts. However, actual involvement in horticultural activity and participation in ceremonial do not solely determine the position of woman in gardening; I believe that a people’s conceptualization of an activity may also be reflected in language and that the selection of certain action-patterns and substances are symbolically meaningful. In the ensuing pages I offer a brief discussion of the terminology of gardening and how it reflects on woman: I also present a detailed analysis of the symbolism that dominates gardening in order to ascertain woman’s relationship to it.

Notes
1 Malinowski 1920b: 97–105; Malinowski 1922
2 Tudor 1963: 381; Black 1954: 2; Murray 1912: 119; Austen 1939: 238
3 Malinowski 1960: 18, 16, 20–21, 300–310; Malinowski 1916: 87–92; Malinowski 1921: 2; Malinowski 1922b: 108
472–473, 478–479, 484; Powell 1960 121; Leach 1958 124
5 Malinowski 1966 I 13–14, 16–18, 74, 84, 273, 290; Malinowski 1922 66–67
6 Malinowski 1966 I 52, 81; Austen 1939 238; cf. Coursey 1967 51–52, 63–64; Merrill 1946 149; Young 1971 147; Lea 1964 76; Burkill 1935 818; Alexander & Coursey 1969 409–410; Weiner 1976 244, 258
8 Cf. Merrill 1946 149, 224; Burkill 1935 I 814–815; Coursey 1967 45–46; Coulter 1941 21; Barrau 1965 336; Alexander & Coursey 1969 409; Weiner 1976 244, 255
9 Cf. Merrill 1946 149; Lea 1964 76; Coulter 1941 21; Coursey 1972 216; Barrau 1965 331; Harris 1969 10
10 Malinowski 1966 I 290–291, 295–296; Powell 1956 4
12 Malinowski 1966 I 57–58, 122, 193, 315, 463; Powell 1953 4; cf. Weiner 1976 35
13 Malinowski 1966 I 58, 87, 122, cf. 463, 470
14 Malinowski 1966 I 24–26, 231; Malinowski 1932 8, figure 1 (between 444 & 445)
15 Malinowski 1922 56; Malinowski 1932 8–9, 210; Malinowski 1966 I 24–26, 229, 231
16 Malinowski 1932 8; Malinowski 1966 I 258
17 Malinowski 1966 I 24, 228–229; Malinowski 1932 8, 61; Malinowski 1922 55; Seligmann 1910 662
18 Malinowski 1966 I 195, 228, 231; Malinowski 1933 157; Malinowski 1922 55
19 Malinowski 1932 8; Malinowski 1966 I 24, 218, 229; Malinowski 1922 55–56
20 Malinowski 1966 I 99, 225, 235, 430; Weiner 1976 figure 1 (xvii), six
21 Malinowski 1966 I 329, 336, 344, 346; Hoebel 1954 192; Malinowski 1932 419; Powell 1956 106, 434; Powell 1977a
22 Malinowski 1966 I 39, 332, 349–350, 355; Powell 1960 121, 124
23 Malinowski 1966 I 39, 346–347, 359; Malinowski 1932 26; Powell 1956 439, 484; Powell 1960 118, 121, 124–125
25 Malinowski 1966 I 328, 332, 347; Malinowski 1922 63–65; Powell 1956 473; Powell 1960 122
26 Malinowski 1922 57, 70; Malinowski 1966 I 329–330, 354–357; Powell 1969 581
27 Malinowski 1966 I 24, 343–344, 354; Malinowski 1932 417; Leach 1958 120, 142
28 Malinowski 1966 I 89–92; Malinowski 1966 II 138; Malinowski 1920a 51; Figure 1, 7 above
29 Malinowski 1966 I 356
30 Malinowski 1966 I 60, 79, 87, 90–91, 329; Powell 1956 421
31 Malinowski 1966 I 79, 354; Weiner 1976 34
32 Malinowski 1966 I 80–81, plate 26 (facing 88), plate 38 (facing 121),
33  Malinowski 1966 I 59, 114, 123–124
34  Malinowski 1966 II 138–139; Malinowski 1966 I 90, 100
35  Malinowski 1966 I 464
36  Malinowski 1966 I 58–59, 64; Austen 1945–1946 37
37  Malinowski 1966 I 104
38  Malinowski 1966 I 61, 70, 76–77; Malinowski 1926 29; Malinowski 1922 421
40  Malinowski 1966 I 64–65, 67, 336, 348–349; Malinowski 1922 59
42  Malinowski 1966 I 350
43  Malinowski 1966 I 334, 356–357; Powell 1969b 586
44  Malinowski 1966 I 332, 334, 346–347, 355
45  Malinowski 1966 I 346, 355–356; Malinowski 1932 417; Leach 1958 124; Powell 1969b 581
46  Malinowski 1966 I 61; cf. Austen 1939 247
47  Malinowski 1966 I 41; Malinowski 1921 4
48  Malinowski 1966 I 63, 87–92, 371–373; Malinowski 1921 4
49  Malinowski 1966 I 88, 108
50  Malinowski 1966 I 94–102
51  Malinowski 1966 I 105
52  Malinowski 1966 I 111, 79, 104, 110–115
53  Malinowski 1966 I 111, 113, plate 274, cf. 112, 281
54  Malinowski 1966 I 79, 120, Plate 36 (facings 12), 122–123, 422–423
55  Malinowski 1966 I 125
56  Malinowski 1966 I 125–132
57  Malinowski 1966 I 282, 285–287, plate 105 (facings 284); Malinowski 1966 II 331; cf. Powell 1953 44
59  Malinowski 1966 I 141–144
60  Malinowski 1966 I 145
61  Malinowski 1966 I 122, 123–145; Malinowski 1932 232
62  Malinowski 1966 I 61, 79, 122, 144, 158, 354; Malinowski 1932 22, 231–232; Austen 1945–46 39
63  Malinowski 1932 232
64  Malinowski 1966 I 138–139; Malinowski 1927a 210
65  Malinowski 1966 I 145–151
67  Malinowski 1966 I 155
68  Malinowski 1966 I 156–166
69  Malinowski 1966 I 165–167
70  Malinowski 1966 I 167–170
71 Malinowski 1966 I 96–98
72 Malinowski 1966 I 170–171
73 Malinowski 1966 I II 79, 171–172; Malinowski 1932 104
74 Malinowski 1966 I II 172, 189, 195, 199
75 Malinowski 1966 I II 172, 176–180, 189–190, 195–196; Malinowski 1932 105–107
76 Malinowski 1966 I II 223
77 Malinowski 1966 I II 219–225, 233–239
78 Cf. Malinowski 1966 I II 463, 470
80 Weiser 1976 34
81 Malinowski 1966 I II 196, 295–296, 421–426, cf. 297–300
82 Malinowski 1966 I II 421–422
83 Malinowski 1966 I II 423
84 Malinowski 1966 I II 21, 26, 30, plate 18 (facing 57), 57, 159, 185, 227, 293
85 Malinowski 1966 I II 111, 167, 171, 427; Malinowski 1966 II 130; Austen 1945–46 37
86 Malinowski 1966 I II 79–80, 354; 9–10 above
87 10–11 above
88 10 above
89 Malinowski 1966 I II 69–70, 73, 84, 95–96, 98, 146, 236, 340–341, 343; Malinowski 1932 155; Malinowski 1966 II 221, 253–254, 286, 320
91 Malinowski 1966 II 242–243
92 Malinowski 1966 I II 105, cf. 66, Malinowski 1966 II 244, 307
93 Malinowski 1966 I II 112, 281–282, 285; Malinowski 1966 II 331
94 Malinowski 1966 II 243
95 Malinowski 1966 II 105, 445; Malinowski 1966 II 224–225, 243
96 Malinowski 1966 II 300
97 9–11 above
The symbolism of gardening activities: procreative parallels

Linguistic evidence

Garden terminology implies a marked degree of identification between the garden and woman, and seems to suggest that women are perhaps more important in this activity than at first appears. The first indication of affinity is provided by the vatuvi spell which reoccurs throughout the ceremonial of gardening. It has as its key phrase "The belly of my garden swells as with a child." This phrase suggests that there could be further associations between the garden and woman.

There is a distinct correlation in Trobriand garden terminology between the human being and the taytu (small yam). Like its human counterpart, the taytu can "wake up", "emerge", "rise", "climb up", "catch hold of", "turn round", "compete", "settle down", "recline", feel "ashamed" or even have "pimples"! In addition it can "hear", and has a "throat", an "eye", a "head" and a "body". The hair covering the tuber is called unu'amu, a term used to describe the body hair of human male and female. Perhaps the most explicit symbolic equation of taytu and human life lies in the expression: "taytu latu-la buyagu, 'taytu is the child of the garden'.

That woman is symbolically represented in gardening is further suggested by the fact that the garden corners are referred to as nomula, meaning nipple or breast. Nomu also means the human breast, nipple or mother's milk. The garden (buyagu) or cultivated portion of land within an enclosure is referred to as having lopou-la, a "belly" or "inside".
The garden thus appears to be symbolically linked with the human belly as distinct from the uncut bush (odila). A specific area of ground surrounding the village stile is termed mila'ula — "clean of pollution" or excretion. The Trobriand garden could thus be associated with woman and her sexual or procreative powers, with the "belly" possibly representing the womb. Since the garden is a working area for the sub-clan, and nunu can mean "same dala" (sub-clan), it is possible that matrilineal features are interwoven in the metaphoric fabric.

As a tentative hypothesis I also suggest that there may be a link between the garden stile and the female genital area. That the garden stile (kalapisila, its stile) may have sexual overtones is suggested by the expression for ejaculation: ipisi kata monona (it spurts out his semen), the word monona being used for both male and female sexual discharge. The stile facing the village (o valu) has greater significance in the gardening ceremonial than that on the far side facing the bush; the word might also be related to valuulu or childbirth. Although linguistic parallels are often striking, the conjectural nature of the latter two examples should be noted.

The theme of human female procreation also seems to pertain to the large yams (kuti) and taro. Certain large yams have female-male associations. The verb kopo'1 describes the process of extracting the large yams from the ground. It means "to take into one's arms" and refers to "the hugging and nursing of a little child." With similar tenderness should the newly-born large yam be handled.

Garden terminology thus suggests a symbolic parallel between the cultivated garden area and the parturient woman, with the tautu being regarded as the child. This is in keeping with Oliver's statement that "men do not prize food for its nutrition value alone; they raise it to symbol status, endow it with prestige, and use it as one of their most sacred ritual paraphernalia." Based on this postulate, a detailed investigation follows in which gardening activities, spells and magical objects used in the ritual are examined for further evidence of symbolism relating to woman.

Sexual congress and conception

At the beginning of the gardening cycle, each man ratifies his right of ownership over a plot of land by clearing a pathway into this area. "This process of penetration, suniti" serves to corroborate the land decisions
reached in the gardening council and to open up each plot for the future performance of magic. In Vakuta it is described as cutting open the belly of the garden. If the cultivated plot represents the womb (belly) of a woman, the action of the man in identifying a plot as his own may be understood as an act of "opening the way" for conception.

In the inaugural ceremony the garden magician receives fish from the village men. This he apportions to the women who prepare it for a village dinner. Eating is an act of intimacy and may have sexual overtones; it is forbidden between unmarried couples in the Trobriands, as amongst certain other peoples. Thus the public fact of the village males and females sharing a meal seems to signal some kind of unity amongst this group of people and between the sexes.

The garden magician presents a food-offering to the ancestral spirits and requests their sanction for the gardening venture. It seems feasible to ask whether this act merely links human and plant fertility or whether it has particular implications for women. The question will be borne in mind as the ceremonial is further investigated.

After the meal the garden magician intones the vatuvu (show the way) spell over a magical mixture surrounding the axe blades brought to him by the men. This magical power is enveloped in a piece of dried banana leaf; in this way the formula permeates the magical paraphernalia overnight.

The vatuvu is pre-eminent amongst Trobriand gardening spells. Not a single important ritual is enacted without its recitation. It is chanted at the inaugural garden ceremony, the burning ritual, erection of the kamkokola (magical prismatic construction), thinning of the tubers, and the tum (main) harvest of tatu. In addition it is spoken in abridged form at the insertion of the good sapling, a ceremony aimed at imbuing the soil with fertility, and in the preparatory ceremony of the main harvest (okwala).

The following is an abridged version of the vatuvu formula:

Show the way, show the way...
Show the way groundwards, into the deep ground...
Show the way firmly, show the way to the firm moorings.

O grandfathers of the name of Polu, O grandfathers of the name of Koleko...
Mulabwoyta... Purayasi... and thou, new spirit, my grandfather Mwakenuwa,
and thou, my father Yowana,
The belly of my garden leavens,
The belly of my garden rises,
The belly of my garden reclines,
The belly of my garden grows to the size of a bush-hen’s nest,
The belly of my garden grows like an ant-hill,
The belly of my garden rises and is bowed down,
The belly of my garden rises like the iron-wood palm,
The belly of my garden lies down,
The belly of my garden swells,
The belly of my garden swells as with a child,
I sweep away...

The spell ends with a repetition of the opening three stanzas:

Show the way...
The belly of my garden swells as with a child...
I sweep away...

An analysis of spell content is necessary since the ethnographer maintains that the Trobrianders believe magical power resides principally in the spell. Furthermore, noting the centrality of this formula to the crucial ritual events in the cycle of gardening, and the fact that no other spell achieves such prominence, it is appropriate to scrutinize its imagery. Malinowski asserts that the exordium is the most important and sacred part of a spell. It is this opening ("Show the way ... The belly of my garden swells as with a child, I sweep away") that is of principal concern here.

The relevance of the ancestral spirits to bounteous growth in the garden has already been implied in the food-offering at the commencement of the inaugural garden ceremony. They reappear as powerful forces in the vatuvu formula, able to guarantee the fecundity of the gardens. The list of ancestors exhorted affirms the garden magician’s charter and ability to direct the procreative process of the sub-clan’s garden.

The garden magician’s appeal to the shades "Polu ... Yowana", refers to ancestors on both the maternal and paternal sides. A woman’s sub-clan matrilineal ancestors are largely responsible for human conception and the living members of her father’s sub-clan for ensuring successful development of the embryo. Just as a woman’s maternal ancestors and her living father are influential in her pregnancy, so are the garden magician’s maternal and paternal ancestors in underwriting
the fruitfulness of the sub-clan’s garden. Robinson, who also notes the connection, observes: "Thus it seems that the Trobrianders themselves have some sort of concept of fertility — at least that they connect a woman’s pregnancy with the growing of food in the gardens."\(^3\) Such a viewpoint would corroborate the opinion tentatively advanced on the meal opening the garden ritual, i.e. that both the matrilineal sub-clan and its affines are symbolically united in an intimate relationship in the horticultural magic.

Dominating the exordium which forms the core of the spell is the key expression “the belly of my garden”. Picturesque similes liken its growth to an ant-hill and its swelling to a bush-hen's nest, which feature prominently in other horticultural spells.\(^3\) The enormous bush-hen's nest strikes the Trobriand imagination both for its magnitude and connotations of gestation: these birds construct their massive mounds for brooding.\(^3\) Malinowski records that the nest is linked with the taytu plant which swells when it has many tubers.\(^3\)

The "belly" of the garden "rises" and "lies down". The imagery is that of heaving, fullness, growing, and the tumescent manifestations of pregnancy, ending with: "The belly of my garden swells as with a child." Malinowski states that the opening of the spell conveys the idea of firmness and permanence for the crops.\(^6\) He concedes that "the belly of my garden" may refer to the soil’s fecundity, but emphatically denies that the phrase bears any reference to animal or human fertility.\(^7\) In support of his argument he says: topou-la (belly his) and o topou-la (in belly his) has become a way of saying "inside".\(^8\) His informants, however, explain that "taytu is the child of the garden".\(^9\)

The evidence thus suggests that the belly not only refers literally to the inside of the soil but metaphorically to the procreative function of woman. Tambiah also disagrees with Malinowski’s dogmatic insistence that "the belly of my garden" has no metaphoric allusions: "Because of his commitment to his emotional and pragmatic view of language, Malinowski failed to connect the symbolism of the inaugural garden magic with the pregnancy ritual."\(^4\)

The vaturi formula proceeds with a lengthy exorcism of nefarious agents which would harm the growing taytu:

The grubs I sweep, I sweep away ... insects I blow, I blow away... The beetle that bores I drive, I drive off, begone... The marking blight, I send, I send off, begone... The blight that shines, I chase, I chase away, begone...
With similar intention, spells are uttered over the Trobriand woman during gestation. These are meant both for her protection and to secure the sound development of the foetus. The perforation re-emphasizes the theme of enceinte by repeating the first part of the formula: "Show the way... The belly of my garden swells as with a child." Thus the important vatuvi spell appears closely associated with propagation and the positive growth of the embryo, using as its vehicle of expression a human female metaphor. On each occasion when it is intoned it is the essential spell of the ceremony. It is concerned with the protection and sound development of the unborn taytu, just as the spells and rites of pregnancy are concerned with the human foetus.

The men's axes, which will be used at the ceremony of the bad and good sapling, are infused with this spell of plenty, and are also surrounded by fertility substances aimed at enhancing the magical effect of the ceremony. Throughout the gardening ceremonies the magician uses these fundamental accoutrements for the beneficial effect they exercise on the taytu. A strip of banana leaf is attached to each axe-blade as well as a specially prepared magical mixture containing leaves of creepers and a white rhizome, a portion of the spherical hornets' nest, earth from the bush-hen's nest, chalk from coral boulders, white petals of an aromatic pandanus, pieces of a plant with fragrant flowers, and above all coconut leaves.

Some ingredients selected for the magic of the gardens and in particular this first rite, have connotations of fruitfulness, luxuriance, sound development, durability, desirable colour and shape. Clearly there is an element of sympathetic magic here, whereby a creeper with verdant foliage is utilized to enhance the growth of the taytu vine or parts of a large hornets' nest to obtain bulging taytu. But one may discern a further symbolic dimension.

Just as the vatuvi (show the way) spell contains the theme of roundness, so the choice of magical items such as chalk from large coral boulders and parts of the sauloka tree which has huge, globular fruit, reiterate the significance of the convex shape for gardening.

The magical objects are wrapped in the leaves of a banana palm which is characterized by a thick trunk bulging toward its base. These palms are owned by women, and women's skirts are made from these same leaves. Connotations of roundness linked with femininity are apparent, and there is a further connection with maternity. The Trobriand
mother's pregnancy mantle also consists of banana leaves.\textsuperscript{51} The white petals of a species of pandanus, \textit{kaybwlwbi}, known for its long aerial roots, is included in the magical mixture.\textsuperscript{52} A derivation, \textit{nukaybwlwbi}, refers to long, pendant (human) breasts.\textsuperscript{53}

There is a widespread tendency in social life for colour to affirm a relationship between objects and ideas.\textsuperscript{54} Thus, in Trobriand gardening ritual, leaves of a small bush plant (\textit{ubwaru}) with attractive long white tubers\textsuperscript{55} are chosen to promote similar properties in the \textit{taytu} tubers, as are the white petals mentioned above. Whiteness in \textit{taytu} is a sign of excellence: those of good quality are referred to as "white" and those of bad quality as "black".\textsuperscript{56}

The same value judgements pertain to people. In Trobriand ideology whiteness is an indication of human beauty; it occurs extensively in the pregnancy ceremony.\textsuperscript{57} At the first pregnancy rites parts of plants associated with whiteness feature as magical substances: for example white plumed birds are invoked in the spells.\textsuperscript{58} It would thus seem that whiteness of the magical items used for the first inaugural gardening rite is metaphorically linked with the pregnancy ceremony. The prerequisite of whiteness in the pregnancy ceremony\textsuperscript{59} is not only allied to concepts of the beauty of motherhood but also to symbolic purity: "If a woman does not wash and anoint, and if her skin is black, people will say this woman is very bad, she has men in her mind, she does not look after her confinement... when her skin is white... she does not think about adultery."\textsuperscript{60}

The pandanus, with its breast-like aerial roots, is also incorporated in the catalogue of magical items on account of the appealing aroma of its white petals, as is the \textit{kubila} plant.\textsuperscript{51} The probability that such substances are linked symbolically with the \textit{taytu} in more than a superficial sense seems borne out by the fact that fragrance is considered a desirable attribute during the first pregnancy ceremonial.\textsuperscript{52}

Finally, the prominent inclusion of coconut leaves or coconut oil in horticultural magic raises the issue of their significance. Malinowski remarks that each time he asked the main garden magician of Omarakana for a list of the magical ingredients of gardening, coconut leaves were mentioned first.\textsuperscript{63} These leaves may be used for women's skirts.\textsuperscript{54} In addition, the use of coconut oil in the first rite within the garden (together with hibiscus flowers as adornment\textsuperscript{61}) invites associations with Trobriand beauty magic which occurs as part of the pregnancy ceremo-
nial.  During a woman's gestation the coconut features prominently as a fertility symbol and coconut oil is used by the expectant mother not only to ensure a smooth, lovely skin, but to strengthen the infant.

The next stage in the ceremonial sequence occurs on the morning after the magical treating of the axe blades; the men decorate themselves, receive their medicated axes, and in solemn single file follow the chief and garden magician to the principal standard plot for the performance of the rite of the bad and good sapling. The fact that the gardening team consists of a core of sub-clan men led by the matrilineal head, who make for the plot belonging to the chief, indicates that the ensuing matters have implications for the sub-clan.

At the spot where the village road leads into the garden the stile will be built. Here the garden magician steps into the adjacent corner of the standard plot which is to become the main magical corner, cuts a sapling, charms it, and throws it over the boundary belt. The spell identifies the bad sapling with the bush-pig — destructive and ugly. It expurgates influences that may prove alien to sound growth in the garden and hereby effects a symbolic cleansing. Bush-pigs are undesirable because of the extensive damage to crops caused by their rooting. But a metaphoric dimension appears, namely that of cleansing the garden and establishing its symbolic identity through the concept of purity.

In the spell recited over the bad sapling the bush-pig is linked with fighting, ugliness and "evil smells". Elsewhere we are told that sexual intercourse is taboo within the garden enclosure: should coitus illicitly take place in or near the fields, the bush-pig would be lured by the scent, "break through the fences and destroy the gardens". This may be compared with the pregnancy ceremony which stresses that improper sexual behaviour on the part of the incipient mother would jeopardize the development of the foetus and cause her skin to blacken and become ugly. The expectant mother establishes her symbolic status by associating herself with cleanliness, whiteness and beauty, particularly refraining from adultery and fruit associated with excrement.

Just as an adulterous union would impede the proper development of a woman's pregnancy, so illicit sex would attract the bush-pig and harm garden growth. It is submitted that the bush-pig and bad sapling therefore symbolize impurity and adultery which are anathema to the developing garden and pregnant mother.
The bad sapling is cut down with the axe that apparently represents burgeoning purity since it has been in contact with the magical substances and infused with the procreative *vatuvu* spell. It is thrown over the garden boundary to the domain of the bush-pig, associated with disorder, disturbance and unattractiveness — the bush, where defecation must also take place.76 The sapling is thus thrown into *yoswo*, referring to uncult jungle, evil influences and the bush-pig.77 The term is extended to all that is lifeless and useless and thrown on a rubbish heap.78 Significantly the garden area surrounding the stile is termed *mile’ula*, clean of pollution (including excrement).

Such contrasts and analogies are in line with others occurring in Oceania.79 For instance, the Orokaiva of the Northern District of Papua identify the garden and taro with the female, while the male is associated with the bush and bush-pig.80 The North Luzon Ilongot link the garden, woman and domestic pig, contrasting them with the forest, man and bush-pig.81 It is noteworthy that to the Kiwi Papuans of New Guinea, bush-pigs are a symbol of fighting and, as in the Trobriands, are attracted by sexual intercourse.82 It thus seems feasible to consider the bush-pig as a symbol of disorder or adultery in the Trobriands. The act of the bad sapling, though ostensibly aimed at magically discouraging the hazard of bush-pigs, thus symbolically identifies the condition of the garden with that of a pregnant woman.

The garden magician now cuts a second sapling (which stood next to the first), inserts it into the ground at the place of the prospective *kawokoko* (magical prismatic construction), and sits beside it in the manner of a woman.83 He sways his body and the sapling from right to left whilst reciting the brief *kayowota* (*yowota* sapling) spell:

I cut my garden; with my charmed axe, I make the belly of my garden blossom. My garden rises, it stands up on that side; it rises, it stands up on this side.84

Still sitting with buttocks on the earth, the garden magician uproots a handful of weeds and with swaying motion rubs the ground whilst reciting the *yowota* (prepare the soil) formula.85 This formula has as its kernel “the belly of my garden” theme, which forms part of the *vatuvu* spell.87
Who sits down and blesses on all sides within the tabooed grove of Yema?

It is I... we anoint it with coconut cream, we make the taytu vine grow up quick and straight in the tabooed grove of Yema.

The belly of my garden lifts,
The belly of my garden rises,
The belly of my garden reclines,
The belly of my garden grows to the size of a bush-hen’s nest,
The belly of my garden grows like an ant-hill,
The belly of my garden rises and is bowed down,
The belly of my garden rises like the iron-wood palm,
The belly of my garden lies down,
The belly of my garden swells,
The belly of my garden swells as with a child.

The planting of the sapling is said to instil fecundity into the soil while the rubbing of the ground makes the earth soft.\(^8\)

In both the kayowota and yowota spells the recurrent image is one of projected tumescence and growth. The kayowota is particularly suggestive of penetration, since the garden magician ”cuts” the sapling and inserts it in the garden, the cutting being associated with fertility (talata = to cut into flower, make blossom by cutting\(^9\)). The allied yowota spell takes up this theme and conveys prophetic affirmations concerning fertility – the garden ”swells as with a child” – the whole verse, lifted out of the natuni formula, repeating the imagery of gestation in the garden.\(^9\) In addition the yowota formula refers to the anointing of the tabooed grove with coconut oil,\(^1\) which substance is also applied to the pregnant woman.\(^2\) The garden as tabooed area, and pregnant woman in a symbolically apart state, are thus conjoined through the common element of the coconut.

The intention of the act of the good sapling is to imbue the earth with soft fecundity.\(^3\) The Kurokaywa (northern Kiriwina) version is particularly vivid. ”The cutting of the bad stick is to drive away evil influences and to make the earth fertile. The good stick is a symbol of fertility, and the rubbing of the ground with the leaves is to make the soil good. The whole ceremony... is meant to instil the vital forces of fertility into the earth.”\(^4\)

In view of the preceding symbolic allusions to sexuality and procreation it should be considered whether the rite of the good sapling has sexual
connotations. Trobriand theories of conception maintain that an ancestor of the same sub-clan as a woman is rejuvenated and reincarnated by being placed in the woman by another ancestor spirit, usually also one of her own sub-clan. It is believed that a woman’s vagina must be dilated by mechanical or sexual means to allow insertion of the spirit child (waywaya/wayuwa) by the ancestral spirit, the father’s role being "to keep open the way" by sexual intercourse. (It should however be noted that Malinowski regards the belief in insertion through the vagina as "less authoritative" than that in insertion through the head.)

There is ambiguity as to the stage of physiological pregnancy reached when the spirit child is inserted. According to Malinowski menstruation stops after the coming of the spirit child, but Austen records the view that cessation of menstruation antecedes the insertion: pregnancy as we know it is already advanced, the breasts having begun to swell. Despite uncertainty as to the exact time of "foetal" insertion, and variation in details of the beliefs, what they have in common is the idea that a spirit child is implanted into a woman.

It would therefore seem that the good sapling, which is directed into the garden and empowered with generative growth, represents the phallus or some mechanical agent symbolically penetrating and preparing the female for the reception of the foetus.

The problem of the substance with which the ground is rubbed remains unanswered. The ethnography is unclear: Malinowski in one place states that it is rubbed with "weeds", yet elsewhere it is said to be rubbed with "magical herbs". If the latter is correct then the garden magician could be imbuing the earth with the procreative magical mixture associated with pregnancy. The weeds or herbs could symbolize semen, which is believed to assist in coagulating the menstrual flow.

During the symbolic acts of "cutting" and rubbing the soil the garden magician adopts the sitting position of women, sipuyatyle. Malinowski emphasizes the female nature of the act, explaining that this stance is purposely adopted to honour the two women who, according to tradition, originated the magic of the fields in Omarakana. This is acceptable and need not conflict with the interpretation offered of the garden perceived as a woman whose vagina is opened in the magical act of the good sapling. Tambiah moreover points out that the garden
magician's behaviour of sitting flat on the ground with buttocks touching it is not only a feminine act, but together with his food taboos, presents him as simulating a pregnant woman. I hold that the garden magician's symbolic behaviour is not unequivocally female, and that he also manifests male behaviour such as penetration. A single rite out of the whole gardening sequence seems insufficient for ascribing purely female symbolic significance to the garden magician's role. However, the important point for the present purpose is that the garden magician serves as a polysemic symbolic medium, enacting the drama of fertility.

At the end of this rite of symbolic penetration the garden magician rises, strikes the soil with his wand of office and utters the kaylepa spell:

I strike thee, O soil, open thou up and let the crops through the ground.
Shake, O soil, swell out, O soil, swell out as with a child, O soil.

The men have been silent and watchful. Suddenly they scream and run to their plots with their medicated axes. Each cuts two saplings on his plot (baleko) dealing with them in like manner to the garden magician. Every man also clears the scrub in the corner of the plot on which the magical prismatic construction will later be erected. The garden magician's acolytes repeat only the yowota (prepare the soil) formula referring to the swelling of "the belly of my garden" on each plot, the soil being rubbed with weeds.

The injunction given to the soil in the kaylepa spell is so blatant and analogous to the process of gestation and birth that it requires little additional comment, except to point out that the words simulate pregnancy and anticipate parturition. That the garden magician now uses the hereditary wand of office also suggests references to matrilineality, for he wields it as the living descendant and representative of the founders of the sub-clan. The men thus convert the soil into a symbolic condition resembling that of a pregnant woman. By being the actors, they indicate their relationship with the productive capacity of the soil. This association with the soil continues throughout the horticultural cycle and has particular relevance to the female members of the sub-clan who receive the finest produce of the garden in the form of urigubu (matrimonial harvest gifts).
After the rite of the bad and good sapling, the scrub is cut and left to dry; during this time the annual feast of Milamala takes place. This celebration pertains to the return to the villages of their sub-clan by the ancestral spirits. Austen suggests that the term Milamala could be based on the root mila = to simulate; Malinowski thinks mala might be an alternative to mala (= plenty).\textsuperscript{114} Milamala is characterized by food distributions and an intensification of feasting, gaiety, reciprocal visiting, sexual indulgence and, above all, dancing.\textsuperscript{115} The Trobriand dancing period may only commence once the village drums have been consecrated. The drums are of phallic nature: they are called kupi, a ribald synonym for the glans penis.\textsuperscript{116} At the termination of Milamala the period of mourning for the deceased is lifted.\textsuperscript{117}

Malinowski regards Milamala as a harvest festival.\textsuperscript{118} But this does not explain why there is such an emphasis on Life, and why it is timed to occur between the ceremony of inauguration, with its apparent symbolic association of the garden with a purified female, whose "way" has been opened, and that of burning the fields.

Lanternari interprets the festival as a "neurosis" whose main features—sexual orgies and festivities for the dead—serve as a trigger mechanism for pent-up anxiety.\textsuperscript{119} To him it appears that Milamala represents a crisis at a critical period of uncertainty in the Trobriand horticultural year, i.e. the interlude between the end of one harvest and the beginning of work for the next.\textsuperscript{120} His statement with regard to the timing of Milamala is not quite accurate, for work in the gardens has in fact started, though the planting period is yet to be inaugurated.\textsuperscript{121} Since the present study pertains to the role of women in Trobriand horticulture, it is not in place to evaluate Lanternari's argument in detail. It is necessary, however, to bear in mind his viewpoint. Milamala may be psychologically ambivalent, reminding people of their fallibility and mortality,\textsuperscript{122} yet perennially affirming abundance and the renewal of life.

In order to understand Milamala more fully we should consider the myth of its origin:

A woman died and some time later her pregnant daughter bore a son. The new mother, with insufficient milk for her infant, requested a dying man to ask her mother on arrival in the land of the spirits, to bring her grandson food. The spirit woman complied, brought food and roasted a yam for her grandson. She went to the bush and prepared a garden for her daughter and then proceeded to the house, but her daughter took fright and told her mother to return to the spirit land as people would not recognize her and would
regard her as a witch. The spirit woman left, saying that once a year she and the other spirits would return invisibly to the villages at Milamata to see the people.\textsuperscript{122}

This myth is matrilineal (mother, daughter, son). It is concerned with death and hunger on the one hand and life and food on the other. It links the fate of produce with that of people, for the earth has no food, just as the mother has no milk. It appears reasonable, as Lanternari points out, that in this myth "the mother who lacks milk is the mythological symbol of the earth that does not yield food... The connection between the cycle of human life and the cycle of plant life finds its most open expression in the perfect coincidence of the planting of the garden, the birth of the baby and the beginning of the new year."\textsuperscript{124}

Though the coincidence is imperfect, it is close enough to suggest a correlation between yam and human life, and the relevance of woman and the ancestral spirits to the rejuvenation of life in the garden and the sub-clan.

Although it may emphasize the periodic experience of mortal danger by human death or plant death, Milamata sanctions yearly regeneration. Milamata does not appear to be only a harvest festival to celebrate the people's joy in overflowing storehouses, or to illustrate their desire for a worthy new crop, though such feelings may play their part. Symbolically, it seems to reveal themes of courtship, life and fertility; and in this context the presence of the ancestral spirits has important implications.

At Milamata the ancestral spirits (baloma) are feasted and welcomed to their sub-clan village.\textsuperscript{125} They appear to be linked with the prosperity of the village and crops,\textsuperscript{126} with the resurgence of life for mourners, and in the myth with the bringing of food to their living kinsfolk, This should be considered along with Trobriand dogma attributing human conception to a visitation by the ancestral spirits. Taking into account these factors, together with the timing of Milamata (after the opening of the garden and antecedent to burning), it is proposed that Milamata could be a festival celebrating the rebirth of life. The ancestors revisit their sub-clan villages, just as they revisit their female matrilineal representatives to bring them spirit children. They could also signal the rebirth of taytu as is suggested by the subsequent horticultural ceremony.

Burning is an accepted practical horticultural procedure amongst many swidden farmers.\textsuperscript{127} The Trobrianders maintain that the soil would become sterile and infertile if they did not burn the leaves.\textsuperscript{128} This is a
logical pragmatic statement, for inorganic nutrients are hereby added to the soil.\textsuperscript{129}

Malinowski's description concerning the presence of women at the burning ceremonials is rather loose. It is stated that anyone, "even women", may attend, and yet that only those with special permission would participate.\textsuperscript{130} A distinct order that people are to remain in the village is in fact given; moreover, only the chief's eldest wife is designated as being a party to the ceremonial entourage.\textsuperscript{131} In Malinowski's earlier notes he states that men and women participate in the burning ceremony, with the garden magician's sister or daughter playing a specific part.\textsuperscript{132} What is noteworthy is that burning apparently requires the presence of at least one woman for the first time in the magical proceedings of gardening, even though the degree of her involvement remains uncertain. Since she is married to, or part of, the matrilineal subclan represented by the garden magician, the activities will probably be relevant to this social group.

The Trobrianders hold the burning observances in high regard. Extensive rites are involved which suggest the possibility of a metaphoric dimension.\textsuperscript{133} At the outset of the burning ceremony the garden magician and his helpers set the scrub ablaze with magical torches made of coconut leaves preserved from the previous harvest. At that time the garden magician permeated these with the powerful nautui spell.\textsuperscript{134} On the second day he places some substances and torches on a mat. The torches again contain dried coconut sprouts and around the end of each is tied a strip of banana leaf.\textsuperscript{135} Once more he utters the nautui formula: "The belly of my garden leavens... The belly of my garden reclines... The belly of my garden grows to the size of a bush-hen's nest..." and folds over the banana leaf to contain the magical essence.\textsuperscript{136} The garden magician and his acolytes prepare magical heaps of sticks, branches and weeds on the standard plots. After a while he lights a medicated torch and sets fire to the refuse heaps which have been constructed on the standard plots, the ritual representative following his example on the other plots.\textsuperscript{137}

On the third day the garden magician and his helpers, who carry taro tops, set out for the standard plots. Over the largest of the taro the garden magician utters a spell which, except for the opening line, is identical to that of the bad sapling,\textsuperscript{138} expurgating malign influences. Then he plants this taro at the corner of the standard plot previously cleared (i.e. that adjacent to the village stile). The assistants treat the other
On the fourth day, in the final ceremony of the burning, the garden magician plants a yam tuber of the type kwanada at the corner of the standard plot which is the focus for magical activity. Before the planting he squats at this corner, holds the tuber close to his mouth and in a brief spell orders it to grow. Afterward he takes a taro top from an assistant. This he gently charms, encouraging it to swell, then plants it. Again, all plots are similarly treated. These burning rites seem to relate woman and her procreative properties to the horticultural cycle. The banana, coconut leaf and the vatutu formula all appear again in the firing. The repeated use of the banana leaf indicates continuity of the concept of female fertility evident in the inaugural garden ceremony.

The magical torches are composed of coconut fronds ostensibly for the purpose of sympathetic magic. Yet the choice of these leaves is striking, and indicates that the symbolism could be functioning on different planes. The coconut leaves have been magically loaded by the vatutu spell with pullulatory energy at harvest. There is, in addition, the belief that the prosperity of the harvest is hereby conveyed and quality instilled into the new crop.

But as was submitted in discussing the inaugural garden ceremony, the coconut in gardening magic could be associated with human fertility, for it plays a noteworthy part in the ceremonial of gestation. The magical torches made of coconut leaf could again have symbolic connotations of fecundity. What is more, they have for some months been imbued with the pivotal spell of gardening (vatutu) which has as its focus of interest the successful maturation of the naytu. It would therefore appear that the procreative theme is clearly enunciated in the horticultural magic by repetition and incorporation of the vatutu spell in key magical acts.

The banana, the coconut and the images of the vatutu, connoting fertility, could be some of the main elements uniting the process of gardening with that of human pregnancy. Fire may provide another symbolic link. As in other parts of New Guinea, fire in the Trobriands is intimately associated with womanhood, for its origin lies in the vagina of a culture heroine. And, as elsewhere, fire is a dominant protective feature of pregnancy customs in the Trobriands. As part of Trobriand puerperal rituals, the parturient mother must sit naked over a fire. This
is said to be propitious for childbirth, a deterrent of black magic and a cleansing process. The ceremonial application of fire on the garden seems connected with its use in pregnancy. It may thus symbolically cleanse and engender fecundity in the fields. What emerges from the second firing (specifically of refuse) is not only the continued projection of fertility upon the garden but, by the use of fire, the conferring of symbolic purity on the plot or womb.

The action of the garden magician in relation to planting the kwanada yam at the magical corner of the standard plot may be interpreted as simulating the ancestor inserting the human foetus into the womb. Such an interpretation is consistent with the Trobriand belief that an ancestral spirit (baloma) who belongs to the same sub-clan as a woman, brings a spirit child and inserts it into her. The standard plot usually belongs to the village chief or garden magician (who is often one and the same person), or some other member of the dominant sub-clan. The garden magician is the recognized matrilineal representative of the ancestors who founded the sub-clan. He now apparently mimics the ancestral role with regard to the women of the sub-clan by causing the soil to conceive.

The incorporation of taro in this and a later taytu ceremonial raises questions as to its meaning which cannot be ignored. Austen postulates that the presence of taro in taytu ritual is the result of it being the older Trobriand crop. Malinowski deals cursorily with the problem, also attributing historical priority to taro cultivation in the Trobriands. The documentation on existing taro magic is too inconclusive to pass judgement as to whether this magic is a vestige of former taytu ceremonial. Another possible question concerning the presence of taro is whether it implies that the taytu ritual will have an effect on taro fields as well. It might be argued that the appearance of taro in the taytu ceremonies simultaneously ensures prophylactic protection for the taro crop; but for lack of data the question as to why it would differ from the other secondary crops remains unanswered.

The Trobriand material pertaining to taro and taytu does not lend itself to interpretation in terms of what Lévi-Strauss calls binary opposition, as it does in New Caledonia, where the gardening ceremonial involves distinctive symbolic groupings:

<table>
<thead>
<tr>
<th>taro</th>
<th>yam</th>
</tr>
</thead>
<tbody>
<tr>
<td>female</td>
<td>male</td>
</tr>
<tr>
<td>wet</td>
<td>dry</td>
</tr>
</tbody>
</table>
What should be borne in mind, however, is that taro and taro gardens may be associated with women in Oceania generally.  

The first act in the gardening ceremonial in which taro is involved is called "dog’s excrement". Excrement is taboo in the garden as are excrement-associated foods to the pregnant woman. This taro ceremony bears some affinity with that of the bad sapling in that their spells are virtually the same, and both ceremonies take place in the magical corner. But they differ in that the bad sapling is excised from the garden whereas taro is introduced into the garden. It is probable that the bad sapling symbolizing pollution is expelled since it is not generative of growth.

The taro’s symbolic function is more complex. It may be associated with blood since the weeding spell makes reference to "taro red like blood", but the name of the act associates it with excrement. The implication appears to be that taro has some positive function to perform in the belly of the garden antecedent to its becoming waste, and thus it may be seen as non-polluting. Therefore it seems possible that this taro could be a metaphorical equivalent of female blood which has positive value before it assumes a negative form. Most Trobriand theories of conception stress the necessary presence of the mother’s blood for the nourishment of the foetus. Austen notes that the mother's blood is said to change after the entrance of the spirit child.

Viewing this act of ceremonially planting taro in the context of the ceremony of striking the soil (purification and penetration) and that of the preceding act of burning the garden (cleansing) and the ensuing rite of planting a ceremonial yam (foetus), the incorporation of taro at the magical corner next to the kwanada yam appears to connote the nourishment needed by the newly-planted yam, the taro being equated with the mother's blood that sustains the foetus. This does not exclude the possibility of taro having other symbolic connotations as well.

The ceremonies governing the burning of the garden closely follow the festivities of Milamala in which the ancestral spirits are welcomed to their sub-clan villages, conveying the theme of the principle of life and its renewal with regard both to mankind and to the crops. In this context, it is suggested that the ceremonial firing makes the womb of the garden receptive to foetal life, symbolically implanted in the form of the kwanada yam. Perhaps this is why the Trobrianders consider the burning ceremony as "indispensable" to successful horticulture.
Fencing in the garden is a necessary practical activity. Oceanian ethnographers state that fences keep out bush-pigs which damage the crops.\textsuperscript{166} Austen records that no-one may traverse the fence into the Trobriand garden except by using the stiles, for pigs would scent a route and enter the enclosure at that point.\textsuperscript{167} Once it has been fenced, the garden visually becomes a specific entity contrasting with the bush outside, and it is signalled as being in a symbolic state of purity. No-one may enter it except at the appropriate place lest bush-pigs be attracted to the place of unlawful entry. This accords with the symbolism found in the ceremony of the bad sapling: the symbolic purity of the plot, like that of the pregnant woman, must not be endangered.

In similar vein, the Enga (Western Highlands, New Guinea) surround newly-made gardens with a fence of saplings and vines to which bits of women's aprons are tied. The influence of these is so powerful that apart from the husband no man will cross them for fear of blemishing his appearance.\textsuperscript{168} Douglas has drawn attention to the symbolic importance of bodily margins allied to concepts of pollution.\textsuperscript{169} It seems that the Trobriand garden fence could play a similar role in signalling the confines of femaleness.

The next event in the garden cycle concerns the erection of the kamkokola on the magical corner of every plot. The ceremony is associated with the erection of poles (kavatam) to support the taytu vines.\textsuperscript{170} In the limited sense of the word, kamkokola means the pole erected vertically at the main corner of each garden plot, but the term can also refer more generally to the entire magical prismatic construction of which the kamkokola pole is the perpendicular, or to the similar pyramidal structures raised on the other three corners of the plot.\textsuperscript{171}

Prior to the kamkokola ceremony the garden magician inserts a special stick representative of the taboo on garden work into the ground at the magical corner of every garden plot. The first day of the kamkokola ceremony resembles that of the inaugural garden magic.\textsuperscript{172} The identical magical substances are used and attached to the axes in a banana leaf. All the accoutrements are placed between two mats into which the garden magician reiterates the potent vatuvi spell:

\begin{quote}
Show the way... The belly of my garden grows to the size of a bush-hen's nest, The belly of my garden grows like an ant-hill; The belly of my garden rises and is bowed down... the blight I blow, I blow away... The belly of my garden leavens ...
\end{quote}
The repetitive pattern of the symbolic actions, words and objects, as introduced in the first major ceremony of garden magic, reinforces the imagery of conception, the burgeoning of the garden, and the necessity for continued vigilant magical protection against elements dangerous to the embryonic laytu.

On the second day the garden magician (or his delegates) makes a deep hole with a digging-stick at the corner of the standard plot. A pole is rubbed with some of the standard magical mixture of gardening prepared the previous evening, and a portion is placed in the hole. The pole is thus steeped in connotations of tumescence. It is then secured upright in the hole; now the pole is designated kamkokola. Two other poles are made to rest on either side of it. The garden magician ceremonially erects the kamkokola in the main corner of every plot; the other three are built by the owner himself.

It is a recognized fact that supports help develop a tall strong yam vine and produce good yields. As horticultural practitioners the Trobrianders are aware of the correlation between the successful underground development of the tubers and the height and profusion of the vine. Malinowski nevertheless observes that the people view the kamkokola erections both practically and mystically, and that their work at this stage is characterized by a zealous pride in the aesthetic appearance of the structure erected. He comments on the feelings of satisfaction aroused in the inhabitants by the kamkokola. Considering the present theoretical inquiry one is immediately led to wonder whether the kamkokola poles might have some symbolic significance, and what relevance there is in the fact that the garden magician (or his assistants) personally performs the heavy task of constructing the principal kamkokola on all the plots. An examination of the events which take place on the third day of the kamkokola ceremony provides an indication as to their symbolic significance.

On this day the garden magician proceeds to the standard plots, his acolytes carrying the ritually treated axes and plants chosen for their capacity to induce splendid foliage or great size. A few men accompany them. The magician squats close to the kamkokola, lays a bunch of leaves on the ground and, facing the kamkokola, recites over them so that the spell will spread over the garden, infusing the soil with its power.
Anchoring, anchoring of my garden,  
Taking deep root, taking deep root in my garden,  
Anchoring in the name of Tudava,  
Taking deep root in the name of Malita...  
I shall strike the firmly moored bottom of my taytu.  
It shall be anchored.

It shall be anchored...  
My soil is anchored,  
My kamkokola, my magical prism, shall be anchored,  
My kavatam, my strong yam pole, shall be anchored,  
My kayasu, my branching pole, shall be anchored,  
My kantuva, my stem saved from the cutting, shall be anchored,  
My kaybudi, my training-stick that leans against the great yam pole, shall be anchored...  
My kayavaluwa, my tabooing-stick, shall be anchored,  
My kayvalihuwa, my great yam pole, shall be anchored.

It is anchored, my garden is anchored...  

Once the leaves are charmed, they are inserted into the soil at the kamkokola pole. The garden magician then strikes the kamkokola with his axe, which has been empowered with the principal gardening formula: the nauri spell, and utters a few ritual words indicating that this is the kamkokola of the garden magicians. The acolytes replicate the ceremony on the other plots. The central image of this kamkokola spell is one of anchoring the taytu and securing all the garden structures which assist its growth, until finally the garden and its contents become firmly established. In addition the cultigen is invoked to root itself with a drilling, screwing movement.

In contrast to Malinowski's interpretation that the kamkokola ceremony concerns the taytu poles (kavatam), Trobriand informants were emphatic that the ceremony was associated with successful planting. In magical sequence the kamkokola ceremony follows that of symbolic penetration and conception. The singular size and decorative appearance of the kamkokola construction in the garden and the attention it receives are meaningful. It seems possible that the triangular-shaped kamkokola structure is a symbolic projection of the pregnant womb. It is this vertical pole which supports the vine of the taytu—"foetus" (the kwanda yam) ceremonially implanted in the "belly of the garden" at the burning ceremony. The vine twining up the kamkokola could then represent the umbilical cord conjoined to the womb.
Austen indicates that the ornamented kamkokola poles are inserted once planting is in progress or the taytu have begun to sprout. Whether these structures antecede or follow the actual planting, there is clearly a connection between them and the planted taytu. Malinowski considers the kamkokola ceremony to be the turning point in Trobriand gardening, ending the preparatory activities inaugurating the period of growth. In symbolic terms the taytu, like the human embryo, has been implanted and is about to develop.

After the kamkokola ceremony a short rite is conducted, aimed at preventing pests from entering the gardens. Earth from the bush-hen's nest is mixed with a plant and burnt in the kamkokola corner, the mixture having first been imbued with the words:

O nabugwa taytu,
O nakoya taytu,
O tayo'u plant,
Boil in the belly of my garden,
Go on boiling in the corner of my garden.

This little magical act revives intentions already seen in the inaugural gardening ceremony: eradication of influences injurious to the growing tropophyte. It is a theme consistently followed in the horticultural ceremonies and important to that of pregnancy. Parts of the bush-hen's nest are now brought into direct contact with the kamkokola. Already incorporated in the symbolism for its connotations of hugeness and brooding, the bush-hen's nest is also associated with heat, a theme taken up in the spell. The "belly of my garden" image reappears and the verb "boil" is utilized, appropriately suggestive of heat, activity and movement. Heat is also relevant to the human foetus and mother in the puerperal ceremonies where it features as an aid to parturition, as a cleansing agent, and as a prophylactic against all ills that might befall the mother and child.

Now the actual, as opposed to the ritual, planting of taytu begins. I do not attach much importance to the fact that women may help the men in planting the secondary crops, for these do not have the symbolic importance of the principal yield of taytu. Occasionally women will help with the main planting but essentially this is done by men. Basically planting is a practical activity: the man in a single prolonged action squats and loosens the clods of soil with his digging-stick in his right hand, while his left, "with a swift, caressing movement" sits roots
and stones from the loosened soil. He then embeds the seed tuber. They usually plant communally and during this time some unspecified taboos are in evidence. They also indulge in special cries, competitive challenges, and songs, forbidden at other stages of gardening. Certain planting melodies are directed at the sound development of the tubers. One of the chants uttered while the work is in progress is:

"Bogina' (name of a woman about whom nothing else is known) is recently deflowered", with the rejoinder: "But your vulva, Bomiswaga (an equally obscure female personality), over there at the corner of the fence, has for long time had a considerable circumference."

Malinowski offers the following comment: "The obscene allusions... are connected with the planting; the deeper the soil is broken up at the planting-spot, and the more thoroughly it is worked, the better will grow the taytu. Hence the parallel of the sexual act. This was the interpretation given to me by my native informants."

An analogy to the abovementioned relationship of the breaking up of the soil and sexual intercourse presents itself in the Trobriand theory of procreation and of their origin as a people. The genesis myth says that the australo-ethnous ancestress was unable to give birth to people until her vagina had been opened or pierced, no matter by what agent. Human conception is similarly explained. A woman's vagina must be opened in order to conceive: "once opened up – in the normal course of events this is done by sexual intercourse – there is no need for male and female to come together in order to produce a child". A woman who has a great deal of intercourse will have a more dilated vagina, facilitating the entrance of a spirit child.

It seems possible that the above "opening" action preceding the implanting of the taytu into the soil could be a practical correlate of the symbolic dilution of the vulva of the garden (ceremony of the good sapling) prior to insertion of the embryo (rite of the kwanada yam). Since planting is primarily the activity of men, it may be seen as male penetration of the female, and the pointed digging-stick with its vigorous probing activity, as a phallic symbol. In South Pentecost (New Hebrides) it is said that "men wield the digging-sticks because the act of jabbing them into the ground is metaphorically viewed as sexual penetration".
Reference to female genitals in the quoted planting formula in context of the corpus of horticultural spells concerned with "the belly of my garden", plus reference to an analogy between planting and sexual intercourse, seems to affirm male-female interaction in the process. It is open to debate whether or not such visible acknowledgement that the male has a part in preparing for insertion of the taytu, or foetus, indicates Trobriand awareness of the physical facts of procreation. For a fuller understanding of this important problem reference should be made to the extensive literature on the subject. Certainly the method of planting complements the cultural exposition of procreation, i.e. that males (or some object) must prepare the way for the insertion of the foetus into the belly or womb.

I think that the action of males in planting demonstrates a sex-linked activity and appears to recognize the male's contribution to preparations for the embryo. In a simple, personal way each male Trobriand planter re-enacts the principle presented in abstract form by the garden magician in the ceremony of the good sapling (penetration) and insertion of the kwanada yam (conception) with relation to the feminine earth. The cultural dogma still holds: the male prepares the way for the implantation of the foetus in the womb, and in planting he carefully embeds the taytu just as the ancestor would the human foetus.

My argument thus far is that not only are there linguistic associations likening the garden to woman, but that the symbolic action-patterns of the gardeners reinforce an analogy between the process of horticultural growth and that of human procreation. As with a woman, the garden must be penetrated symbolically for conception to take place; the garden formulae and magical substances used express images of tumescence and fecundity, and the burning of the gardens and concept of heat are linked with plant and human fertility and cleansing. Finally, the yam is inserted into the female earth as is a spirit child into a woman. In the next chapter I will pursue this analogous developmental process as the tuber grows and is harvested.

Notes

1 Malinowski 1966 197
44 Malinowski 1966 II 257
45 Malinowski 1966 I 105–106, 127, 152
46 Malinowski 1966 I 94–95, 105–106
47 Malinowski 1966 I 105–106
48 Malinowski 1966 I 105–106
49 Malinowski 1966 I 106; Malinowski 1966 II 114
50 Malinowski 1966 I 312; Malinowski 1966 II 114; Weiner 1976 94
51 Malinowski 1932 180
52 Malinowski 1966 I 106
53 Malinowski 1932 254
54 Cf. Mauss 1972 77
55 Malinowski 1966 I 106
56 Malinowski 1966 I 152; cf. Munn 1971 6
58 Malinowski 1932 181–184
59 Tambiah 1968 196
60 Malinowski 1932 191
61 Malinowski 1966 I 106
62 Malinowski 1932 187
63 Malinowski 1966 I 105
64 Malinowski 1932 256; Weiner 1976 6, 95
65 Malinowski 1966 I 199, cf. 283
66 Malinowski 1932 298–301
67 Malinowski 1932 186
68 Malinowski 1932 187, 198
69 Malinowski 1966 I 199–100
70 Malinowski 1966 I 99–101
71 Malinowski 1966 II 221; Malinowski 1966 I 67; Austen 1945–46 38
72 Malinowski 1966 I 100
73 Malinowski 1966 I 119
74 Malinowski 1932 415; cf. Malinowski 1966 II 178
75 Cf. Malinowski 1932 192
76 Malinowski 1932 375
77 Malinowski 1966 I 199–101
78 Malinowski 1966 II 83
79 Cf. Barrau 1965 343–344
80 Schwimmer 1973 162
81 Rosaldo & Atkinson 1975 56
82 Landman 1917 340, 391; cf. Saville 1926 173 (Mallu, New Guinea)
83 Malinowski 1966 I 101
84 Malinowski 1966 I 101
85 Malinowski 1966 II 158
86 Malinowski 1966 I 101
87 19–20 above
88 Malinowski 1966 I 101–102
89 Malinowski 1966 II 158
90 21–22 above
Malinowski 1966 II 268–269
24 above
Malinowski 1966 I 101–102
Malinowski 1966 I 280
Weiner 1976 121; Malinowski 1920c 805; Malinowski 1924 298; Malinowski 1929 402; Austen 1934 107–108
Malinowski 1932 154; Malinowski 1916 412; Austen 1934 102, 105
Rentoul 1931 154
Malinowski 1916 403
Malinowski 1932 149
cf. 179
Austen 1934 103, 108–110; cf. Powell 1956 277
Malinowski 1966 I 101, 107; Malinowski 1966 II 268
Malinowski 1966 II 254; Malinowski 1966 I 280
Cf. Powell 1969b 603
Malinowski 1966 II 254
Malinowski 1966 I 101
Tambiah 1968 197; cf. Malinowski 1922 413–414, 419; Malinowski 1966 I 447
cf. Turner 1969 37, 48, 51
Malinowski 1966 I 102
Malinowski 1966 I 102
cf. Malinowski 1916 387; Malinowski 1966 I 93, 99; Malinowski 1966 II 148,
Malinowski 1933 157; Powell 1953 13
Austen 1945–46 28; Malinowski 1966 II 119
Malinowski 1916 370–374, 378, 384; Malinowski 1932 211; Powell 1953 12
Malinowski 1916 372, 380 n.1, n.3
Malinowski 1916 382
Malinowski 1916 371; Malinowski 1927a 213; cf. Baldwin 1945 201
Lanternari 1955 406, 409, 417, 419
Lanternari 1955 416–417
9–10 above
Lanternari 1955 416–417, 419
Malinowski 1926b 96–97
Lanternari 1955 419 (translated from Italian)
Malinowski 1926b 99–100; Malinowski 1916 370, 376–378, 384; Powell 1953 14
Cf. Malinowski 1916 376–379, Malinowski 1966 I 468
Beattie 1964 185; Brookfield & Brown 1963 165; cf. e.g. Williamson 1912 195 (Mafulu, New Guinea); Gitlow 1947 62 (Mount Hagen Tribes, New Guinea); Conklin 1954 198 (Yagaw Hanunóo, Philippines)
Malinowski 1966 I 77, 110; cf. Conklin 1957 64, 71 (Yagaw Hanunóo, Philippines); Freeman 1955 44 (Iban, Sarawak)
Gourou 1958 26–27, 31; Watters 1960 81; Coursey 1967 69; Conroy 1953 26; Spate 1953 170 (New Guinea)
(Wogo Island, Schouten Group); Oliver 1942b [180] (Bougainville, Solomon Islands); Coombe 1911 4 (Raga, Pentecost); Humphreys 1926 63–64 (southern New Hebrides)

167 Austen 1945–46 38
168 Meggit 1958 308
169 Douglas 1966 145
170 Malinowski 1966 I 124, 131, cf. 470 n.14
171 Malinowski 1966 I 123–124, 127–128; Malinowski 1966 II 161
172 Malinowski 1966 I 125–127
173 Malinowski 1966 I 96–98
174 19–21 above
175 Malinowski 1966 I 127; cf. 64, 286
176 Malinowski 1966 I 127–128
177 22–23 above
178 Malinowski 1966 I 127–128
179 Malinowski 1966 I 127–128
180 Coursey 1967 83–84; Alexander & Coursey 1969 407; Galing 1920 71–72; Mahoney & Lawrence 1959 4 (Aonape, Micronesia)

181 Malinowski 1966 I 129
182 Malinowski 1966 I 59, 77, 128–129
183 Malinowski 1966 I 123–124, 128
184 Cf. Malinowski 1966 I 128
185 Malinowski 1966 I 129
186 Malinowski 1966 I 129–130
187 Malinowski 1966 I 130
188 19–20 above
189 Malinowski 1966 I 130–131
190 Malinowski 1966 II 277
191 Cf. 35 above
192 Malinowski 1966 I 124, 131
193 28, 33 above
194 Malinowski 1922 59
195 32–33 above; Malinowski 1966 I 128
196 Austen 1945–46 39
197 Malinowski 1966 I 132
198 Malinowski 1966 I 131–132
199 Malinowski 1966 I 131
200 19, 21 above
201 Malinowski 1966 I 132
202 21–25 above
203 21 above
204 32–33 above; Malinowski 1932 194–197
205 Malinowski 1966 I 123, 125
206 6 above
207 Malinowski 1966 I 79, 134
208 Malinowski 1966 I 133–134
From 85 items traced, the following serve as examples: Frazer 1914 96—107; Malinowski 1916 406–418 (Trobriand Islanders); Jones 1925 115–128; Malinowski 1932 140–178 (Trobriand Islanders); Thomson 1936 374–379, 383–393 (Wik Munkan, Gulf of Carpentaria); Ashley-Montagu 1937 (Australian Aborigines); Warner 1958 21–24 (Australian Aborigines); Schneider 1968 126–129; Spiro 1968 242–261; Powell 1968 651–652 (Trobriand Islanders); Leach 1969 85–110; Barnes 1973 65–73; Scheffler 1973 747–756; Monberg 1975 34–40; Weiner 1976 121
Further symbolism: foetal growth, birth and the child

Malinowski divides the horticultural year into two phases. The first, dealt with in the previous chapter, begins about July with the inaugural garden ceremony and ends in November after planting. This is a period of intense and almost exclusively male activity in both magical and practical work. Of interest is the fact that during this time of horticulture sunshine is a prerequisite; in New Caledonia the time of the sun and the concept of dryness are associated with maleness. The second period extends approximately from December to June, a time of essentially subterranean taytu activity and plant development; it is a phase virtually dominated by women and quiet but energetic growth in the gardens. As in New Caledonia, in contrast to the first phase, this is the rainy season, which suggests that symbolically wetness could be associated with femaleness in the Trobriands.

Foetal growth

When the fresh shoots appear above ground and twine round the supports, plants and weeds grow rapidly. In consequence the garden magician inaugurates the weeding session by conducting a short magical act which incorporates a mime of weeding. On every plot he repeats the rite and "sweeping clean" spell:

I sweep, I sweep away.
I sweep, I sweep away.

Cut thy top, O taro root; split thy leaf, O taro.
Thy stalk bows over.
O taro of the *kalakayuya* kind, O taro red like blood:
O taro of the *kaliipadaka* kind, O taro of the *nami tamata* kind.10

Sweeping is a domestic activity aimed at keeping the village clean.11 The garden magician as representative of the mythical founders of the sub-clan and retainer of its magical potency12 briefly recites the weeding spell on each plot, thus apparently signalling that the activity relates to that area owned by every male.13 I have tentatively suggested that the second act of the burning ceremony which specifically concentrates on the firing of weeds and refuse, projects the idea of purifying the garden.14 Likewise weeding appears to accord with the imagery of cleansing the garden plot. Weeding is distinctly women's work.15 There are two major themes in the weeding spell: the first, brushing or sweeping clean. This concept of the need for purification of the garden recurs in ideas concerning human procreation in which the pregnant woman has to pay particular attention to cleanliness and guard against adultery.16 The other main theme of the spell concerns the ripening taro.

As has been noted, reference to taro may be a vestige of a former taro magical system.17 Be that as it may, taro was planted and mentioned in the ceremony of burning, associated with conception; it was also observed that in parts of Oceania taro is considered a feminine plant or one tended by women. Significantly, taro now reappears in a period of female activity. The taro reference in the weeding spell concerns a state of maturity, for the stalk is bent over.18 Taro and weeds are linked and yet differentiated: both grow in the garden and are a part of it, but the weeds are swept away as refuse while the taro becomes ripe and nourishing, like the blood of woman in gestation.19 The garden magician especially likens taro to human blood.20 In anticipation of the pending harvest associated with birth this seems to symbolize the placenta, in which blood is joined with, yet distinct from the human foetus. It is significant that in taro cultivation the main taro tuber is termed "mother"; those sprouting from it are "siblings", and the germinating young plant is "the child".21 When it is harvested, that part remaining in the ground is called *bam*, the afterbirth.22 Viewed in this way the taro symbolism would appear to be a necessary part of the story of the growth of the *taytu*.

It seems strange that Tambiah does not consider red in the Trobriands to be linked with blood, even though he acknowledges the indigenous procreative dogma that the infant receives flesh and blood from the mother.23 In general he links Trobriand redness with "radiance, anima-
tion, irresistible physical charm" and beauty magic. Weiner links redness with female sexuality since it is the colour of women's skirts which are in turn indices of wealth. Munn has associated redness with excitement and erotic seduction, though she has subsequently indicated the need for revision of this interpretation. Baldwin for his part regards Trobriand red as a symbol of "life and happiness".

The idea of the life-principle being associated with redness is noteworthy, but at the present stage of our superficial knowledge of the Trobriand cognitive process such generalizations should perhaps be viewed with caution.

Weeding normally starts in the fifth or sixth gardening month. It is introduced with the "sweeping clean" spell which contains images of cleansing, of redness and of blood, and hence, it seems, of femininity. Women often weed communally, and the work is punctuated by competitive wagers (no detail available), joint eating and gossip. Men are forbidden access to such a weeding group on pain of sexual abuse. The strict privacy of weeding together with its sexual overtones exposes it as something particularly feminine, private, fulfilling and powerful.

Men have been active in the early stages of gardening in opening the way to the plot and in planting the taytu embryos. But once the taytu embryo develops, the male is superfluous, for the belly of the garden alone can nurture it; and because of the identification of the garden with woman, it appears that weeding is exclusively apportioned to women. Similarly in the later stages of pregnancy the woman's sexual desire diminishes: she becomes self-absorbed and introspective in her creative process. In Trobriand procreative dogma, once a woman's vagina has been dilated by sexual intercourse - or some other means - and the spirit foetus inserted, she primarily sustains foetal growth. Furthermore, sexual intercourse between a man and his pregnant wife is taboo during the later stage of pregnancy.

Thus during the latter stage of these two processes, the garden, like the woman, is removed from the ambit of men. Weeding, like pregnancy, confers special privileges on women and stresses their biological difference from men. During this activity even men of their own village may not approach them. The orgiastic assaults on strange men who come near them, which are the privilege of women during communal weeding in some parts of the Trobriands, are particularly illuminating. The women who practise this custom, known as yauta, allegedly rip off a man's pubic leaf, induce ejaculation and may cover him in excreta.
It is perhaps significant that a watch is kept over the Trobriand mother in late pregnancy which is termed yausa, it suggests a symbolic correlation between weeding and gestation. A pregnant woman's male maternal relatives guard her from male sorcerers who might attempt to approach and cast the magic of vatula bam (paralysis of the uterus) on her, hereby adversely affecting her childbirth. In practical terms the yausa custom which is associated with weeding can be said to prevent women from being molested by strangers, at least during the day, and to enable them to pursue their work efficiently. However, the apartness and sanctioned aggressive behaviour at this time, which coincides with the kula of the men appears as a protective device and as a signal denoting a feminine domain into which any kind of intrusion is forbidden.

Standardized sexual aggression and obscenity as evinced in the horticultural yausa appear to be a symbolic expression of dominance, in this case over the publicly important Trobriand male. The yausa behaviour is perhaps the most powerful manifestation of dominance a female can employ, even refuting the dictum that though males can rape females, the female cannot rape a male. By revelling in his pain and revulsion the women can force a man to wince at his masculinity and can sexually display their superior and unique status.

Malinowski does not interpret the yausa custom, though he mentions how his informants avidly described it, particularly when discussing gardening or the position of women. He says that the only parallel to this yausa custom is found in the legend of Kaytalugi, the land inhabited by sexually insatiable women. The present interpretation of the yausa custom is consistent with this legend in so far as the practice illuminates female sexuality; however, the yausa does not seem to suggest sexual demand so much as sexual dominance. Covering of the male victim with excreta together with the display and ridicule of the phallus seem to indicate sexual satiation and abhorrence; whereas the behaviour of the Kaytalugi women suggests sexual desire.

The yausa therefore emphasizes an important theme of weeding and pregnancy: the need to maintain the symbolic purity of the female body, hence strange males are anathema and even men of their own village should keep their distance. The symbolic statement is that pregnancy is the sole prerogative of women and their source of inalienable power, for which men have no counterpart. The organization of weeding therefore tends to reveal the garden as a female body with
women alone preoccupied in attending to it. The *yausa* custom in particular exposes weeding as a complement to the process of pregnancy and as signifying an area of female dominance.

The *yausa* custom certainly poses the question as to the purpose served by obscenity. Evans-Pritchard, from his research in Africa, concludes that collective and prescribed obscenity accentuate the social value of the activity with which they are associated. Turner expands on this: "The raw energies released in overt symbolisms of sexuality and hostility between the sexes are channelled towards master symbols representative of structural order, and values and virtues on which that order depends." In the case of the *yausa*, the importance of female sexuality and procreation associated with the perpetuation of the matrilineal sub-clan, and the values of cleanliness, beauty and purity of the female body seem to be expressed.

During the period of growth the *taytu* plant becomes the focus of magical activity. The magical procedure accompanying the development of the *taytu* is basically that of reciting a series of fertility spells designed to promote growth in the young cultivar. Familiar similes of the ant-hill and bush-fern's nest reappear, and with them the concomitant associations of plant and human fecundity. I do not accept Weiner's point that this stage of the gardening ceremonial reflects male sexuality. She assumes, but does not prove, that "come out", "shoot" and "anchor" are male activities.

Just as the pregnant mother is surrounded by ceremonies ensuring her purity, and the development of the foetus is given added impetus by magical means, so the garden magician, dissociated from the men and women of the village, alone permeates the gardens of the sub-clan and of each individual man with spells which assure successful growth and well-formed *taytu*. These spells, providing magical assistance to development of the tubers, evoke the conventional fertility images of roundness and warmth: "The yam rises and swells like a baking-mound"; there are images of plenty "Make mop upon mop of leaves, O head of my *taytu]*, and the tubers are encouraged to multiply and become securely anchored.

During this period the villagers tell one another interminable, often ribald tales to assist the growth of their *taytu*. The *taytu* is endowed with a receptive, almost human disposition. Oral encouragement to the growing tropophyte is a notable feature of certain Melanesian yam-
gardeners as the peoples of Kai (New Guinea) and Bwaidoga (Good-
ough Island) evince. The supposition is that the yam can hear,
that it is responsive to the telling of tales, receives succour from the
stories and is thus encouraged to develop. The growing taytu plant re-
quires careful nurturing. Much of the practical activity is necessary
for purely horticultural reasons – such as inserting larger taytu poles,
training the vines, or thinning and removing bad tubers. But a cer-
emony introducing the thinning of the tubers entails the use of the
standard magical repertory of substances associated with roundness,
whiteness and pullulation and the oft-repeated vatavi spell: “Show
the way... into the deep ground... The belly of my garden leavens...”

Repetition in both animal and human behaviour serves to reduce the
ambiguity of a signal. continued reiteration of the vatavi formula has
the effect of echoing the procreative theme throughout the horticultu-
ral cycle. Thus, although thinning is a practical necessity, the spell
and associated substances which accompany the act colour the work
with a hue of fecundity.

As has been mentioned, the horticultural process is divided into two
periods: in the initial drier months the men are active and in the latter
half of the season during plant development, women prevail. There
is a close structural resemblance between these two phases of Trobriand
horticultural activity and those of pregnancy, which is confirmed in an
article by Margot-Duclot and Vernant. There are also two phases in
Trobriand pregnancy, the one corresponding to a male presence and
conception, the other to development within the womb and a pre-
dominantly female presence. The authors emphasize the important
break of the fifth month in the pregnancy sequence, pointing out that
“after the fifth month the foetus is thought to grow and develop, and
it is this peaceful development – away from the male and the sun, in
the shadow of the pregnancy cloak, under the sign of the water and
under the watchful protection of women – that the taboos and rules
of pregnancy aim to ensure, by means of the predominance of the fe-
male influence”. The neglected analysis of Margot-Duclot and
Vernant which agrees in principle with that pursued in this treatise,
shows that unless the complex interweaving roles of both male and
female are taken into account, the magic and symbolism of horticulture
cannot be explained.

Birth

The zenith of the gardening year is reached when the crops have matured.
At the commencement of the preliminary harvest, that of taro and large
yams, the garden magician is to be found in his house reciting the isunapulo
formula, here abridged, over a pearl shell.

Full moon here! Full moon then, full moon here ever. Round off in the
north, round off here in the south...

Taro round off, taro round off...
The belly of my taro — taro round off...
The top of my taro — taro round off, taro round off...
The foundation of my taro tuber — taro round off...
The leaves of my taro — taro round off, taro round off.

They eat the taro...
The tautara'k's weed grows out of the taro rotting in the garden...
The belly of my garden becomes smooth like a trimming-board.
The belly of my garden becomes smooth like a pounding-board.
The holes in the belly of my garden are as the holes the mangrove mollusc
bores in the mud.

I shall go to the village laden with tautara.  

The garden magician proceeds to wrap the pearl shell in a dried banana
leaf in order to contain the magical power.  

That an association with the process of human birth is being drawn is
tenable in that a hole of emergence of the eponymous ancestress may
be referred to by the same term as the harvest: isunapulo — her "spot
of emergence". As has been mentioned, every Trobriander is
associated by birth or descent with a distinct spot through which his
first ancestress emerged and the adjoining locality forms the land of his
sub-clan. In this way the affinity between the birth of mankind and
that of the crops is annually reaffirmed.

In this isunapulo preliminary harvest spell the parallel of birth begins
with the rounding off of the foetus. Use of the banana leaf and verbal
allusions to rotundity continue to project suggestions of human fecun-
dity. Use of a pearl shell may also contain connotations of birth: it is
used in the pregnancy ceremonial in which it is associated with beauty
magic. Malinowski concedes that the gist of the spell concerns
roundness and fullness, yet is adamant that neither lunar mythology
nor extraordinary ideas concerning the moon are implied. He main-
tains that the moon "is simply used as a magical simile, the mere ut-
erance of its name being potent in itself".
The information from other cultures in New Guinea indicates that the moon may be sex-linked and associated with creative growth. The Abelam, Ena and Kuman consider the moon female, and the Iatmul regard it as a female fertility symbol. Thus there are Melanesians who consider the moon to be closely identified with woman; and the Trobianders, it appears, share a similar outlook: in one story the moon is born of a woman, in another it is a personified female. Furthermore, a Kiriwinan mother will lift up her newly-born infant to the first full moon that the child might grow quickly and soon learn to talk. Therefore when the full moon is mentioned in the isunapulo spell it needs to be viewed against a backdrop depicting femaleness, sound development and maturity or ripeness.

From such imagery the creative growth in the garden is given the incentive to reach its conclusion. The theme becomes explicit when the spell advances the wish that the taro finalize its growth. As already discussed in the burning and weeding ceremonies taro seems magically linked with the formation of the taytu or foetus. In similar manner to the placenta it now becomes waste. Consistent with this interpretation is the fact that the spell says the weeds, connoting refuse, grow from the rotting taro. Again the procreative imagery is reinforced by likening the garden to a trimming- or pounding-board, both being perfectly smooth and used by women. After birth, the belly of the garden will be as smooth as these boards. Use of the word "belly" together with such similes again reminds us of the female nature of the garden.

The last line of the isunapulo spell presents an interesting development. Although the subject of the spell is taro, it is hereby conjoined to taytu: the ultimate statement concerns the economically and ceremonially important harvest of the small yams. Implicitly then, despite a superficial relevance to taro harvesting, the spell enunciates the concluding stages of taytu growth by reference to the contributory developmental agent — taro.

The garnering of taytu is an important occasion for the Trobiander. It is initiated through the preparatory (okwala) and the main (tum) harvest ceremonies. In the preparatory harvest ceremony the garden magician recites the okwala spell on the standard and all other plots to lend final momentum to the ripening tubers. The second stanza of the formula makes reference to the various structural supports constructed for the growing vines, such as the training-stick and kamkokola.
(magical prism) about which the repeatedly mentioned "dolphin plays". The dolphin's undulating movements metaphorically represent the twining of the vine. The last stanza repeats the early section of the spell central to gardening magic, the vatuvi with its dominantly creative imagery: "The belly of my garden rises..." Although this part seems semantically divorced from the rest of the spell, there is a logical progression in the poetry from the initial reference of the dolphin to the metaphor of the spiralling taytu vine, which may be symbolic of the umbilical cord to the image of the tumescent belly of a woman with child.

The main harvest ceremony (tum) is the final occasion when the garden magician recites once again the pivotal formula of garden magic, the vatuvi:

Show the way firmly, show the way to the firm moorings... The grubs I sweep, I sweep away... The blight I drive, I drive off, begone... The belly of my garden swells... The belly of my garden lies down... The belly of my garden swells as with a child...

The spell is chanted over an adze of which the cutting edge has scented leaves attached: these will give the taytu a sweet aroma. Banana leaves are also fastened to it, in order that the taytu can emulate the bulging shape of the palm. The reciting of the vatuvi spell is said to be the quintessential act of the tum ceremony.

The repetition of the entire vatuvi formula at the harvest climax seems to underscore the magic of the gardens which induces procreation and drives away malevolent influences. In like manner during pregnancy and childbirth, curative formulae are uttered against black magic which would harm the human foetus and provoke difficult labour for the Trobriand mother. Other corollaries to the pregnancy ceremony present themselves in the common use of aromatic and banana leaves.

On the day following the recitation of "the belly of my garden" spell, the garden magician goes to the main standard plot accompanied by a small entourage. The plant to be harvested grows against the vertical kamkokola pole in the magical corner. The garden magician ceremonially cuts the stalk of the specially planted kwanada yam with his charmed axe, breaks the sod and extracts the tubers. Next he cuts the stalk of an ordinary taytu plant, but preferably one winding around the kamkokola. The lower section of the stalk sags onto the ground, whereupon
he squats over it, tears up a handful of weeds, and puts these over the stalk which is lying on the ground. He weighs down the entire heap by means of a stone, hence the name tum (pressing, weighing down). The harvest is now inaugurated. It should be noted that similar treatment is accorded the umbilical cord. After being severed, it is buried in the garden together with the afterbirth.

The severing of the kwanada yam vine inserted at the burning ceremony (conception) may be seen as the symbolic cutting of the umbilical cord (the vine growing against the kamkokola). The garden magician behaves partially like a parturient mother when he squats as a woman in labour over the flopped stalk on the ground, covering it with weeds. The vine and its associated ceremony appear to represent the navel string, and the weeds the refuse of afterbirth.

Although Malinowski shows obvious concern at not being able to explain this ceremony, he provides useful data in registering that the act is called tum (pressing down), and that the term describes the entire ceremony. It is noteworthy that women similarly weigh down upon the Trobriand mother during labour: "[A] woman presses on the parturient one so that the baby may fall out quickly." The tum harvest thus appears as a metaphorlic enactment of the birth of the human infant. It is salient that both taytu and human embryos mature nine months after conception.

The child

The taytu-human analogy is pursued through the harvest customs in which the woman handles the taytu for the first time once it has been extracted from the earth. Hairs bearing the same name as human body hair (ununu) are removed from the taytu. Both husband and wife have specific duties to perform with regard to the newly-harvested taytu, just as their ways of caring for their human offspring complement one another each is solicitous to nurture the new Trobriander.

Arbores are constructed from the now obsolete garden poles — the kamkokola (magical prismatic construction) and vine supports. Taytu vines are attached to the structure and the roof is made of coconut leaves. The crops are graded as they are stacked in the arbour. The finest taytu are destined for matrimonial harvest gifts (arigubu). They are arranged in the centre of the arbour in a conical mound. Inferior
and damaged *taytu* are placed in smaller heaps around the *uriguba*: they will be eaten without being ceremonially stored. Later the *uriguba taytu* will be measured in circular baskets, then with much ostentatious conveyance ceremonially presented to one or more households in another village. Coconut leaves will cover the conical *taytu* heap built in front of the recipient's storehouse.

Malinowski says that the energy expended on the *taytu* display serves to satisfy the gardener's ambition, while Austen suggests that the stacking of *taytu* in the garden simply serves to prevent rotting. But the predominant shape, the substances and customary forms of behaviour associated with the arbour are too closely related to the entire gardening symbolism to be disregarded. The *taytu* heap is conical and in the horticultural symbolism this shape is suggestive of pregnancy. The materials used in construction of the arbour appear to endorse and promote the procreative theme: coconut leaves, a symbol of fecundity, the *kamkoko* and the *taytu* vines, seemingly symbols of the womb and umbilical cord respectively.

The content of the arbour is the little yam, *taytu*, symbol of the child. Friends from the gardener's own or a neighbouring village view his arbour and admire his displayed *uriguba taytu* as custom requires. Similarly a Trobriand mother displays to admiring villagers her newly-born infant at its coming-out ceremony.

Finally the gardener's *taytu* are placed in the storehouse of a matrilinial kinswoman's husband (e.g. sister's husband) in the form of *uriguba* (matrimonial harvest gift); and the garden magician, now called village magician, performs the two ceremonies of *vilamalia* (magic of plenty and village prosperity). The aim in both ceremonies is essentially one of conservation: to ensure the durability of the *taytu*, and also to diminish the people's appetite. The Trobrianders are noted for allowing their *taytu* to rot in the storehouses and for reaping a crop in excess of their needs, perhaps it is the symbolic affinity of the *taytu* and child which partly underlies the cultural reluctance to consume their cherished crop.

I have argued that the division of the gardening calendar into two stages correlates with that in Trobriand pregnancy ceremonial. In the first stage the male was seen to be active in preparing the way for conception to take place. The second phase presented similarities in the symbolism pertaining to foetal growth: the *yauta* weeding custom with its power-
ful signal that pregnancy is the domain of women, and the comparison between the harvest of tajtu and human parturition.

In trying to ascertain woman's relationship to gardening it appears to me that if the activities of gardening are taken literally the woman seems to be of minor importance, but if read symbolically, it is the Trobiand man who functions as an assistant in this grand scheme of life. His role is that of organizing the life of the sub-clan which woman perpetuates. Even when she is physically absent from work or excluded from the performance of magic, woman's presence is acknowledged through metaphor. The rhythm of woman's body and the procreative process in her is the drama enacted in the soil; and it is woman's procreative power that absorbs the magic and imagination of men.

The horticultural ceremonial picture thus projects the garden as a woman and the produce as her child. It is a theme pursued in the urigubu institution which will be dealt with in the following chapter.

Notes

1 Malinowski 1927a 211, 214; Malinowski 1966 I figure 3 (50–51), 52, 136, 149, figure 14 (436–441)
2 Malinowski 1966 I figure 3 (50–51), 54
3 Leenhardt 1930 114, 33 above
4 Malinowski 1966 I figure 3 (50–51), 149, 171, figure 14 (440–443)
5 12 above
6 Leenhardt 1930 114; cf. 58
7 Malinowski 1966 I figure 3 (50–51), 54, 144; Malinowski 1927a 207; Malinowski 1926b 24
8 Cf. Malinowski 1966 I 343; Malinowski 1966 II 290
9 Malinowski 1966 I 144
10 Malinowski 1966 I 145
11 Malinowski 1932 375
12 8 above
13 Cf. 6–8 above
14 31, 33 above
15 10, 13 above
16 23 above
17 33 above; cf. Malinowski 1966 I 145
18 Malinowski 1966 II 285
19 Cf. 34 above
20 Malinowski 1966 II 285; cf. Lehner 1928 443–444 (Melanesians)
21 Malinowski 1966 II 105–106
22 Malinowski 1966 II 106
Tambiah 1968 204
Tambiah 1968 204
Weiner 1976 92, 118–119
Munn 1971 8, table 5
Munn 1977
Baldwin 1950 283
Cf. Lehner 1928 442 (Melanesians)
Cf. 47 above; Malinowski 1966 I figure 3 (50–51), 61 n.3
47–48 above
Malinowski 1966 I 144
10 above, cf. Róheim 1950a 178 (Normanby Island, D'Entrecasteaux Archipelago)
Malinowski 1932 171, 192–193
10 above
Malinowski 1932 232
Malinowski 1932 194
Malinowski 1932 193–195
10 above
Cf. Malinowski 1932 232
Malinowski 1932 234, 356–358; Malinowski 1922 223
Cf. Malinowski 1932 356
48 above; Malinowski 1932 191–192, 291
Evans-Pritchard 1965 97
Turner 1969 79
Malinowski 1966 I 137
Malinowski 1966 I 142–144
Malinowski 1966 I 146, 151
Weiner 1976 196
22–23 above
Malinowski 1966 I 146–151
17 above, cf. Mead 1934 378 (Ampea, New Guinea)
Keyser 1911 125; Jenness & Ballantyne 1928 144
Malinowski 1966 I 137
Malinowski 1966 I 137–138, 151–152
Malinowski 1966 I 152
22–24 above
19–20 above
14 above
Cf. Lorenz 1966 281; Lévi-Strauss 1955 443
Austen 1939 230; Austen 1945–46 40
47 above
Margot-Duclos & Vernant 1946 27–28
Margot-Duclos & Vernant 1946 22
Margot-Duclos & Vernant 1946 22 (translated from French)
67 Margot-Ducot & Vernant 1946 22, 27
68 Malinowski 1966 I 165
69 Malinowski 1966 I 165–166
70 Malinowski 1966 I 1341–1344
71 8–9 above
73 Malinowski 1966 II 307–308
74 Malinowski 1966 II 308
75 Kaberry 1941 346
76 Meggitt 1958 307
77 Nilles 1950 58
78 Binder 1972 26
79 Malinowski 1927a 205–206; Frazer 1930 48
80 Brown 1910 37
81 32–34, 48 above
82 Malinowski 1966 I 155; Weiner 1976 247 n.8
83 Malinowski 1966 I 169
84 Malinowski 1966 I 169
85 Malinowski 1966 I 170
86 Malinowski 1966 I 169
87 Cf. 37–38 above
88 Malinowski 1966 I 170–171
89 Malinowski 1966 I 96–98; cf. 19–20 above
90 Malinowski 1966 I 170
91 Malinowski 1966 I 170
92 Malinowski 1932 188, 193–195
93 Cf. Malinowski 1932 187; 22–23 above
94 Malinowski 1966 I 171
95 Malinowski 1932 196
96 37–38 above
97 Cf. Malinowski 1932 194–195
98 Malinowski 1966 I 473 n.22
99 Malinowski 1966 I 171
100 Malinowski 1932 195; cf. Saville 1926 96 (Mailu, New Guinea); Handy 1923 72 (Marquesas, Polynesia)
101 Cf. Galang 1920 65 (Philippines); Defraine 1959 56–57 (Yap, Micronesia); Jenness & Ballantyne 1920 30 (D'Entrecasteaux Archipelago); Williamson 1912 197 (Mafulu, New Guinea)
102 Malinowski 1966 I 172
103 17 above
104 11 above
105 Cf. Malinowski 1932 17–18, 171, 176; Malinowski 1927b 10, 23–24
106 Malinowski 1966 I 172
108 Malinowski 1966 I 177, 179–180
109 Malinowski 1926a 36; Malinowski 1922 169; cf. Malinowski 1932 108–109
Austen 1945–46 40
21–23 above
23–24 above
36–38, 56 above
17–18 above
Malinowski 1966 I 172–173, 175; Malinowski 1932 105; Malinowski 1922 170
Malinowski 1932 197
11 above
Malinowski 1966 I 220, 226; Malinowski 1922 169
Malinowski 1966 I 226–228; Malinowski 1922 169
Malinowski 1936 446; Malinowski 1966 I 8, 231; Malinowski 1922 58, 169;
Sahlins 1960 407
Cf. Malinowski 1966 I 227–228
Symbolism of the distribution of garden produce

Each Trobriand household retains and eats the secondary produce it has grown. Inferior taytu of the principal crop are consumed by the producing household, small tubers being reserved as seed. The greater proportion of taytu grown is destined to become urigubu (matrimonial harvest gifts); these are the most important garden produce. In the south, and in other areas where taro constitutes the urigubu, it does not store well and accordingly is extracted from the ground as required by the recipient. Since urigubu has particular relevance for the position of woman, it calls for detailed discussion. Usage of the term urigubu will follow that of Malinowski.

Basically urigubu refers to the matrimonial harvest gifts a man usually receives from his wife's nearest matrilineal kinsman, i.e. her brother, maternal uncle, and later her son or sister's son. From each man's crops a large and high quality quota must be given annually to a close matrilineal kinswoman in order to fill the "open well" of her husband's main storehouse. Malinowski estimates that at least half a man's yield goes to his sister's household, the presentation usually consisting of taytu.

The Trobriand man is the owner of the garden plot which bears his name, although according to Weiner, it may be "marked" in the name of a close matrilineal kinswoman for urigubu purposes. He obtains his principal prestige from the amount of high quality taytu he is able to cultivate. The matrilineal kinswoman who receives it, and who is usually his sister, derives her renown from the size of the urigubu.
gubu which accrues to her and her husband.  
The following are the diacritical features of the urigubu taytu: they are the select crop, the only ones stacked into conical heaps in the arbour, flamboyantly carried to the village, and ceremonially displayed in the storehouse; only over these is the magic of abundance and endurance pronounced; they alone are referred to as "real taytu". In the storage and removal of crops from the arbour a distinction is made between the ordinary taytu, modestly stored, and the urigubu displayed as show food and retained "as long as possible for festive occasions, gifts and exchanges".

Urigubu is one of the duties incidental to marriage. Malinowski says the urigubu is given by name to the husband, yet it is closely linked to the wife, for at the transfer in cases of rank (when the ceremonial is most explicit) the words pronounced are: "Thy heap, O So-and-so. It is the urigubu [sic] gift of So-and-so [the wife's name]." Should the wife leave the husband or die, urigubu payment is discontinued. "It is because of her, for her and for her children's maintenance that the annual gift is given." Weiner considers urigubu to be given in the woman's name but also regards the husband as a recipient.

Marriage not only implies bearing children but also the urigubu endowment. A married woman thus unites the two items of value, taytu and children. I have postulated that Trobriand horticultural ceremonial replicates woman's ability to create life. Through the process of creation and birth Trobriand woman regenerates her sub-clan with children who fall under the guardianship of a male of this group, specifically her brother. Symbolically, the ceremonial of gardening mirrors her procreative act, but instead of humans, taytu are involved. The interpretation follows that the male owner of the plot annually renders his matrilineally significant female partner his garden's "offspring", the urigubu taytu tubers, as the nearest possible equivalent to children, just as the woman provides him, and thus the sub-clan, with children. Significantly, children and urigubu tubers move in opposite directions: children to the guardianship (and male children often also to the residence) of sub-clan males taytu to the residence of sub-clan females.

Since the descendents of men do not belong to their lineage in a matrilineal system, and since the Trobriand theory of procreation denies the male any procreative ability, by giving taytu to the female members of the sub-clan, Trobriand men are able to produce the equivalent of
children for its perpetuation. Therefore the child-taytu exchange expresses the social roles of female and male sub-clan members and ensures the survival and solidarity of the sub-clan. It is understandable that a man should not use the urigubu he receives from his wife’s sub-clan to meet his own urigubu obligations, for he would then be exchanging the taytu of a sub-clan to which he does not belong.

Exogamy obliges a woman to marry a man who is not of her sub-clan, in whose village she must live until the end of her marriage or life. Malinowski interprets the urigubu institution as representing and recognizing a woman’s rights in her ancestral soil; the annual harvest gift makes explicit her claim to a share in its produce. Her spatial removal does not diminish her importance to the sub-clan, for her position is annually reaffirmed by way of urigubu. The giving of urigubu revives the tie of the localized sub-clan with its scattered female members.

Powell and Montague reject Malinowski’s assertion that the gift of taytu harvested for Trobriand woman articulates her continued identification with the fertility of her matrilineal soil. In contrast to the male avunculocal residence recorded by Malinowski, Powell found men of the same sub-clan living in various villages (or sections thereof), and Montague states that Kaduwagon men (Kaylevun Island) spend their lives patriologically in their natal villages. Both these later fieldworkers emphasize other kinds of urigubu, rather than isolating that of brother to sister as Malinowski tended to do.

Powell argues that because the sub-clan is not localized, urigubu will not necessarily be produced on sub-clan land (although most members of those sub-clans that own land will be found in the villages associated with their sub-clan). He nevertheless agrees with Malinowski that urigubu represents sub-clan "corporateness"; and his statistical data indicate that the most common (although not exclusive) type of harvest gift is from brother to sister.

Montague disagrees with both Malinowski and Powell that the sub-clan "corporately" owns land. She argues from direct questioning of her informants that land ownership is individual. To some extent, as Malinowski himself explicitly adduces, Trobriand land ownership is individual in the sense that each man owns a garden plot, but Malinowski’s criticism of the "verbal approach, the collecting of statements about who is the owner should be noted. The myths of origin and gardening, the role of the garden magician and chief, the annual ratifi-
cation of plots in the presence of the matrilineal head, and the rules of land inheritance reveal that the sub-clan does in fact own the rights to a territory and supervises its gardens.\textsuperscript{19}

The individual's personal identity in the *urigubu* transaction should certainly be acknowledged. However, individuality and the existence of other types of *urigubu* transactions do not negate the validity of that category of *urigubu* connected with a person's sub-clan membership which signals its unity via the male-female food gift. This type of *urigubu* formed the majority of such transactions in Powell's time.

Montague states that "harvest gifts may only be given through woman" and that *urigubu* "is usually spoken of in terms of the woman because she weeds and harvests it".\textsuperscript{19} She views *urigubu* correctly, though in limited fashion, when she sees it as one of four exchange cycles.\textsuperscript{24} She recognizes a raw-cooked, female-male dichotomy in the culture,\textsuperscript{24} but it is inadequate to explain that *urigubu* "is only given to married men [not widowers] because the right to cook it belongs only to married women".\textsuperscript{25} This leaves unconsidered its relevance to the ceremonial and the symbolism of the horticultural cycle, and does not explain why women derive greater renown from the receipt of *urigubu* than men. The matter is further complicated in that in Kaduwaga *urigubu* primarily consists of taro,\textsuperscript{26} not *taytu* (small yams) as in Oumarakan, Kiriwina.\textsuperscript{25}

However, the major reservation concerning Montague's arguments is that she fails to realize the implications of her study occurring 50 years after that of Malinowski and 20 years after that of Powell.\textsuperscript{26} There is in her disagreement an assumption that such a non-literate culture is static; accordingly she points out that the sibling incest taboo is not as stringent as Malinowski portrayed it,\textsuperscript{27} and that there is no evidence of the *bukumatula* (bachelors' house) in her village.\textsuperscript{28}

Montague notes, but only superficially evaluates, the impact of westernization with its hallmark of individualism on the people's way of life.\textsuperscript{43} The village of Kaduwaga reveals definite signs of westernization: it has within it not only an Aid Post and Co-operative Society but a school and church which are regularly attended.\textsuperscript{59} Even during the period in 1914-20 when Malinowski conducted his fieldwork, the effect of missionary and western pressures on the culture was evident, and even then the number of *bukumatula* (bachelors' houses) had decreased.\textsuperscript{52} Carter and others make mention of the social changes wrought since
Malinowski's period of fieldwork.²

There is little doubt that social patterns even in Malinowski's time will not have been as uniform as his work might superficially suggest, for the reality of any field situation is complicated by myriad individual factors. Malinowski is aware of the problem, but also of the necessity of deducing generalized principles of social structure which form the framework for social behaviour.³

Weiner's fieldwork poses its own problems largely because she fails to relate her findings sufficiently to those of Malinowski. She makes the puzzling statement that a man's married daughter is the first woman for whom he makes an exchange garden,⁴ not his mother or sister⁵ as would seem more likely. She refutes Malinowski's and other field-workers' interpretation of urigubu as presentations of taytu, maintaining that urigubu refers to coconut and areca palms, betel pepper plants and pork. ''Yam exchange gardens'', she says, Malinowski would term urigubu, but are in fact referred to by such other names as kaymata and kaymubila.⁶ Malinowski's work,⁷ however, shows that he was aware of all the names he mentions in this regard.⁸ Weiner's⁹ but not Malinowski's evidence⁹ suggests that the ''urigubu'' on which Malinowski concentrated in Kiriwina — from brother to sister — would stem from the kaymubila plot. Powell says¹⁰ that his informants in 1950-51 used urigubu in Malinowski's sense: as referring primarily to the annual harvest gift grown in the main garden plots [kaymata]. The term may be extended to include any service or gift, such as pork or areca nut, which a man makes to his sister's husband. Powell witnessed urigubu transfers in Kwaybwaga, northern Kiriwina (Weiner's village), where the term was used in the way that his and Malinowski's informants used it.

Thus although urigubu is not exclusively linked with sub-clan land, and the term may have wider meanings, and its usage may be changing, the archetype of this kind of transfer is indicated by the phrase: ''True brothers garden for their sisters.'''¹¹ It is this fundamental type of urigubu, associated with the unity of the sub-clan, that is of interest to this study. (Powell has offered me an interpretation of urigubu in which he focuses on the relationship it establishes between men, particularly the sister's husband, wife's brother and his heirs. The reader is also referred to his 1969 articles which are based on a different approach, and which fall beyond the scope and focus of this book.) The receipt of urigubu seems to be an important link in the wife-husband unit. The
harvest gift appears to increase a husband's dependence on his wife for economic security and social wellbeing.\textsuperscript{63} It also adds to the wife's dependence, for although she derives most credit from the gift, it is publicly given to her husband.

The urigubu lends meaning to the marital relationship. In the actual process of gardening, the Trobriand wife labours with and for her husband and his sub-clan and thus contributes to his matrilineal urigubu crop. This must be seen as a reciprocal service to that rendered by the husband to his wife and her sub-clan as he nurtures and befriends her children.\textsuperscript{64} The wife thus cares for her husband's taytu just as he attends her children, for symbolically they are equivalent. The children for their part have to perform certain duties for their father, particularly at his demise, to acknowledge his solicitude for them.\textsuperscript{65} Malinowski's idea of "innate" father-love\textsuperscript{66} would seem to be an inadequate overall explanation for the father's care of his children; a similar reasoning that a wife's love for her husband motivates her into producing his urigubu would be equally doubtful, though obviously affection may enter as a subsidiary factor.

Marriage institutions in general tend to promote the circulation of women in a society.\textsuperscript{67} Sub-clan exogamy in the Trobriands results in interdependence of sub-clans. Ties established by marriage are reinforced by the associated institution of urigubu in which the fertility of woman is symbolically endorsed as she receives taytu. The husband's interest in receiving urigubu is sustained since he derives prestige from the gift\textsuperscript{68} and must reimburse his affinal kinsman with a suitable gift of valuables (youlo) at a later stage.\textsuperscript{69} This youlo gift is a duty, maintaining, as Uberoi observes,\textsuperscript{70} an affinal alliance between two sub-clans.

It should be noted that the Trobriand husband is a social "outsider" to his wife.\textsuperscript{71} According to Malinowski he is not her acknowledged legal guardian — that is the function of the wife's brother;\textsuperscript{72} his bond with her is essentially one of friendship, emotion and sexuality.\textsuperscript{73} A man does not primarily cultivate his gardens for his wife but rather for his mother or sister or another close matrilineal kinswoman. The important kinship group is the minimal matrilineal unit: a man, his sister and her children.\textsuperscript{74} A Trobriand wife who helps provide the urigubu for her husband's sister, receives from the latter at mortuary ceremonies skirts or bundles of banana leaves (kabiyamila) signifying women's wealth.\textsuperscript{75} This may be seen as a similar relationship to the youlo gift which passes between affinal males.
The *urigubu* gift therefore ensures regular interaction between at least two disparate sub-clans; and with women marrying exogamously a number of sub-clans become interlinked. That a man receives most renown from giving *urigubu*, and a woman from being the recipient of it, also reflects positively on different sub-clans. In a simplified manner Figures 2 and 3 illustrate the symbolic equivalence of the *taytu* and child, and the network of relationships established through recognition of the precreative capacities of Trobriand woman. Three cycles of links are discernible.

*Cycle 1:* The tie between the spouses is enhanced through the woman as wife assisting in the production of the husband’s *urigubu taytu* and he in caring for her children. These children will have mortuary duties towards this man and thus reinforce the ties their mother maintains with their father’s sub-clan, while she will share in the consumption of
MATRILINEAL AND AFFINAL RELATIONSHIPS EMPHASIZED THROUGH THE PROCREATIVITY OF WOMAN

Figure 3

part of the retained *taytu* crop grown as *uriguba* for a female member of the father's sub-clan. The wife also receives assistance from her husband in accruing banana leaf skirts and bundles which signify women's wealth and which she will distribute in mortuary ceremonies.76

Cycle 2: The woman perpetuates her sub-clan by bearing children for it; the brother consolidates its unity by giving the lineage-perpetuator *uriguba* *taytu*.

Cycle 3: The relationship between a woman's brother and her husband
is strengthened through the husband officially receiving the urigubu of his wife and returning this recognition with the youlo gift of valuables; in like manner the wife and husband's sister forge their relationship through acknowledgement of the urigubu contribution in mortuary gifts. Thus they unite their respective sub-clans in a working relationship.

As has been shown, the husband achieves most acclaim from the amount of urigubu he produces for the married kinswomen of his sub-clan. It seems anomalous at first that in a society where reciprocity is an entrenched principle, the wife, apart from sharing a portion of inferior taytu, receives no visible token of acknowledgement from her husband for her role as co-worker in cultivation.

Part of the answer seems to lie in the small-scale, homogeneous and personal nature of the society. Every man is bound by custom (not sentiment, though the two may coincide) to provide urigubu to the female representatives of his sub-clan, and his wife in turn receives urigubu annually to symbolize her creative contribution to her sub-clan. This is the situation of all women, regardless of rank; it is part and parcel of womanhood. Women uniformly do the same type of work in the gardens and all perform this on the plots of their husbands. The mortuary gift from her affinal kinswoman may be a factor motivating her to work in the gardens, and also the fact that her husband helps her accumulate women's wealth.

The symbolic meaning of the horticultural ceremonial may also be relevant. Throughout the gardening year woman has an extensive symbolic association with the garden and crops in that the structure and process of the economic cycle metaphorically seem to reiterate that of human procreation. Woman thus serves as common denominator linking two creative processes, economic and human; through these she also interrelates two sub-clans.

Urigubu distributes the wealth of Trobriand society in the form of taytu, which I have suggested are analogous to children. The symbolic equation which emerges is that in the Trobriands, males "own" garden land, the produce of which is destined for women; women "own" their bodies, but the "produce" falls under the guardianship of men. Herein apparently lies an important part of the structural answer to the question of the wife's "unpaid" services to her husband: she assists him produce the taytu for his sub-clan, for he helps her rear children for her
sub-clan.

Malinowski stresses that “the marriage gift is the chief and most ostenta-
tious product of the garden work”.78 The harvest of the Trobriand
Islanders is not mere economic yield produced for the purposes of con-
sumption and ease of living.79 It sets in motion an important distri-
bution of wealth and interaction of people promoting communication
and cohesion between and within sub-clans. The focus is on the fertility
of woman and on the symbolic equivalence of taytu and the children of
the sub-clan. The gift of uriguba may therefore be seen as symbolic
acknowledgement by the men of women’s perpetuation of the sub-clan.

I have argued that a symbolic correlation appears to be made between
human recreation and horticultural production in the Trobriand
Islands with the taytu being a symbol of the child, and that woman
seems to be the common denominator in the equation. In the next
chapter I introduce cross-cultural evidence in support of the con-
clusions reached.

Notes

1 Malinowski 1966 I 192–194
2 Malinowski 1966 I 173, 193
3 11, 28 above; Malinowski 1966 I 193–194; Powell 1969b 581
   (Kaduwaga, Kayleuna Island)
5 Malinowski 1922 180–181
6 Malinowski 1966 I 195; Malinowski 1920a 53; Malinowski 1926a 36
7 Malinowski 1966 I 195; Malinowski 1932 103–104; Austen 1945–46 41
8 Malinowski 1966 I 46, 189, 194, 196, 230; Malinowski 1932 103; cf. Powell
   1956 76; Powell 1969b 581
9 7–8 above; Malinowski 1966 I 380, 427
10 Weiner 1976 197; cf. Malinowski 1966 I 329
11 Malinowski 1966 I 79, 82–83, 208; Malinowski 1932 105; Malinowski 1922
   61
12 Malinowski 1966 I 189–190, 195–196, 353
14 Malinowski 1966 I 56, 189, 194–195
16 Malinowski 1966 I 196, 199; Malinowski 1932 103
17 Malinowski 1966 I 190; cf. Powell 1956 393; Powell 1969b 583
18 Malinowski 1966 I 179
19 Malinowski 1966 I 190, 353
20 Weiner 1976 197
21 Malinowski 1966 I 202, 352; Malinowski 1932 70, 166, 170–172
22 Malinowski 1926a 35, 37; Malinowski 1932 6, 30, 72, 110
23 Cf. Weiner 1976 210
24 Malinowski 1966 I 191, 205, 207, 352–353; Malinowski 1932 6; Malinowski 1927b 44–45; Kroeber 1938 300–301
25 Powell 1969b 584
26 Malinowski 1966 I 203, 336, 352; Malinowski 1927b 45; Malinowski 1932 5; Powell 1956 56, 190, 276; Weiner 1976 51; Robinson 1962 125
27 Malinowski 1966 I 333
28 Malinowski 1966 I 336, 352–354
29 Malinowski 1926a 108, 104.
33 Powell 1969a 188
35 Cf. e.g. Malinowski 1922 70; Malinowski 1966 I 329, 378; Powell 1956 48, n.37, 371
36 Montague 1974 39–40, 47, 103–104
37 102 above; Malinowski 1966 I 329, 371, 379–380
40 Montague 1974 125, 127
41 Montague 1974 106
42 Montague 1974 111, 113, 197; cf. Malinowski 1932 9; Lévi-Strauss 1963 137
43 Montague 1974 197
44 Montague 1974 122
45 Malinowski 1966 I 196–197
46 Cf. e.g. Malinowski 1922 vi; Powell 1956 viii; Montague 1974 v, 2, 19
49 Cf. Montague 1974 212–213
50 Montague 1974 34–38
53 Malinowski 1922 17, 83–84; Malinowski 1966 I 90, 317, 320, 342; Malinowski 1932 428–429
54 Weiner 1976 196
55 Malinowski 1932 104
The symbolic significance of women in specific cultures

Most of the comparative material in this chapter derives from Oceanian cultures. To date there is no single theory of the migration and habitation of Oceania, contemporary opinion inclining to the belief that the people originally came from Southeast Asia, which was also the home of the yam. Despite diverse environments and relative isolation, particularly of the island cultures, there has been contact (through sailing) and cultural interflow between the peoples of "Melanesia", "Micronesia" and "Polynesia". The Trobriand Islands may be regarded as part of the Massim in the Melanesian area, hitherto renowned for its seeming cultural complexity. It is with Melanesian cultures that we are mainly concerned, and those in which the yam has symbolic connotations will receive particular attention.

Anthropologists have in the past recognized the power and uniqueness attributed to women in non-literate societies by virtue of their procreative capacities; other scholars have also noticed a relationship between the "maternal womb" and "the symbolic womb of the earth". There is a prevailing concept that the earth is like a woman’s body. The Melanesians of South Pentecost Island (New Hebrides) and the Marind-Anim of New Guinea, regard the earth as female. The New Zealand Maori believe in an earth mother, in contrast to a sky father. During the eighth Maori month when plant growth occurs the people say: "Now the Earth Mother embraces her grandchildren." They use a feminine image to describe an earthquake: "It is the Earth Mother shaking her breasts..." The Polynesian Tuamotu and Mangaia...
also consider the earth as a woman.

In the Madang District of New Guinea the Tangu regard the earth as female. Before a Tangu man and woman are fully married they have to live in one another's homes, and the groom's brother deflowers the woman by coitus interruptus. The resultant sexual secretions are mixed with pieces of her underskirt and herbs, and added to the milk of a bisected coconut. The groom drinks the substance. The intention is to "ensure the birth of children and the fertility of garden crops". The fluids of sexual union are seen as necessary for sound crop growth, the coconut featuring prominently as a fertility substance just as it does with the Trobriand Islanders. It thus follows that when Tangu husband and wife set out to form an independent household, the wife should be pregnant so that this event can coincide with the making of a new garden. And when they begin their first independent garden, they have sexual congress, mix the secretions with leaves, soil and coconut milk, and disseminate the mixture over and in the new garden. The practice is usually repeated annually after clearing and before planting.

Another widespread phenomenon is the association of woman with the principal crop. The idea of a crop "mother" is frequently accompanied by that of a "child". In the Malay Peninsula a sheaf symbolizes the rice-mother and her child. A midwife sows the first seedling. Then rice is planted early in the morning since this is the time when infants awake; the people conduct themselves quietly in the field lest they should frighten the rice soul and cause it subsequently to miscarry. The rice in bloom is given food regarded as nutritious for a pregnant woman and the rice-ears are given the food of human infants. The village midwife usually cuts the rice baby from a bulging "female" part of the field, kisses, anoints, fumigates, wraps it in swaddling clothes and places it in an oval-shaped basket. When it is brought to the field-owner's home, his wife remarks: "Yonder comes One swinging (her) arms; That (methinks) is a child of mine." The rice-child is placed on a sleeping-mat, and the farmer's wife observes post-partum taboos. The mother sheaf is reaped by the field-owner's wife and treated as a new mother. Frazer remarks that such Indonesian beliefs of rice-mother and child evince "natural and obvious comparisons of the breeding plant to a breeding woman".

The identification of woman's procreative powers with crops is acknowledged among different peoples and in many ways, as the sub-
sequent section with regard to woman and yam symbolism will illustrate. Amongst the New Guinea Arapesh, But-district people, Kai, Graged, Yabim and Normanby Islanders (D'Entrecasteaux Archipelago), there is a myth of the woman who originally produced yams and other crops from her body. Even such Oceanian peoples as the Maori (New Zealand) and Toradja (Central Celebes) sustain the belief.

Anthropomorphism is attributed to the yam by Dobuans living south of the Trobriand Archipelago in the D'Entrecasteaux Islands. Their yams have ears responsive to the human voice and listen to speech attentively. "They grow big for our calling on them." They can smell, and at night, though the vines remain in the garden, the tubers leave the earth and roam around. This is why if people approach a garden in the dark they do so quietly lest the yam, like a person, take fright.

Like Dobuan women, yams give birth to children and "the comparison between human child-bearing and yam seed fertility is in its most literal sense insisted upon." In addition each human matrilineage has its distinctive yam matrilineage. Tumu, a word that refers to man, woman and child, regardless of age or sex, is frequently used for yams. Thus, amongst one of the Trobrianders' close trading and ceremonial partners, "yams are persons".

Amongst the Kiwi Papuans of New Guinea an earth-woman gave birth to the yam. During planting an old woman and man ceremonially promote yam growth by having sexual intercourse in the garden. Fluids from the woman's vulva are smeared over the first yam, on the strings for tying the vine and on the digging-stick. She also teaches the yam vine how to twine by passing a string and later the vine around her neck.

Her role as mother is explicit when, to boost yam growth, she and her husband clear away the ground above the principal yam, making it visible. The woman removes her skirt, sits on the tuber, touches it and pushes with her genitals to cause its enlargement. Then at the harvest of the ceremonially important tuber she stands astride over the yam plant. The man is behind her and proceeds to root out the yam from between her legs. He uses a digging-stick smeared with secretion from her vulva. The woman takes the yam, places it beneath her skirt, holds it between her legs, walks a few steps, and drops the tuber on the ground. The intimate association of woman and the gardens is further revealed in a private act in which a woman unites the string holding
her skirt in the garden, fastens it to a yam and pulls out the root. The skirt string is alleged to symbolize the navel cord. The Kiwi Papuans thus transparently mime the importance of sexual congress for yam growth, the value of female secretions for embryonic development, and the closeness in identity between the human embryo and yam.

On Frederik-Hendrik Island in West New Guinea live the Kimaam. They have a myth concerning the origin of the yam born of a human woman. When its mother is about to commit infanticide, the yam child speaks to her in a dream: "Why must I be buried? Am I not a human being?" Kimaam call the seed-yam tuber "mother" and the shoot "child". The separation of the shoot from the mother-tuber is likened to the delivery of a human child. During this period the young tuber like the new-born infant is weak and susceptible to harm, and men sing:

Namamu [mother]. I am not very strong yet
I have only just gone into the earth
Do not approach father too closely
Or else I shall die.

There is a taboo on sexual congress between a Kimaam man and his wife until the child's navel cord has dropped off, for he would be "using the child's road", and would prevent it from passing "through the first difficult period of its life". Reference to "the child's road", referring to the woman's vagina, also occurs during the yam planting period. At this time all Kimaam men must rigorously adhere to a taboo on sexual intercourse lest they impede the cultigen's growth.

The Kimaam draw on the image of human pregnancy in their ceremonial attitude to the yam. As the yam grows to maturity, fertility rites are practised. The men share a ceremonial feast in honour of the ancestral spirits. They prepare a mixture containing coconuts and bananas, and a bunch of red leaves is waved over it while the men sing:

Mother I am in the earth
You will not see me again
but soon I shall come out
of the earth and then you will eat me.

Mother, I do not come out
of the earth, but presently all
the kwanda-friends will
measure me with a stick
and you will see how big I am.63

Beings that are to give birth to the yams are invoked to become pregnant. Other songs referring to foetal growth in the womb, follow.63

The magical mixture mentioned above is made into the shape of a plant mound which the Kimaam call puri or pregnant; this signifies a pregnant woman's belly.64 A rod-shaped object representing the yam is moulded at the top of the mound.65 A bunch of red leaves is placed on top of it and coconut shells now cover the mixture. A man cuts the mound and the others sing:

Why am I being split
Am I not a human being?65

Should the tropophyte not grow satisfactorily, then in a certain Kimaam village the planter and his wife break the taboo on coitus during yam development. As Serpenti recognizes, the custom reveals that "sexuality is in itself a condition for the flourishing of the crop... That is why symbolic sexuality has to take place."66 Ordinary sexual intercourse, however, remains dangerous on account of "using the child's road". When the yam leaves wither, the largest tubers are measured whilst still in the ground. This procedure is executed with great care lest the roots are damaged. It is a hazardous undertaking to loosen the yam from the soil for "the 'child' may not be strong enough yet to undergo this operation".67 The largest tubers are never consumed by the planter or his close kin, for the idea repels the Kimaam; instead they are exchanged.68 The Kimaam and their yams are so closely identified that a person's tubers are destroyed at his death.69

Despite associations of yams and maleness in New Caledonia (south Melanesia), there are also positive indications of womanhood: "everything that appertains to woman is favourable for the yam".70 The Caledonians equate yam horticultural ceremonies with those of human pregnancy: particularly vivid is the use of a sculpted pole with magical bundle called koea. Leenhardt explains that the term evokes thoughts of interlaced lianas or viscera, and pregnancy.71 In gestation this bouquet is said to act on the placenta and foetus, the painful body of the mother, and on the liquids ejected at birth.72 It is concerned with the full formation of the child in the womb of the mother.73 The koea of the yams serves the same function. It acts upon the tuber during its
formation. The yams are finalizing their growth the people say they are "making the keoa of a woman" for they use a bouquet identical to that employed in the therapy of pregnancy.

Leenhardt recognizes that the identity accorded the parturient woman with the fertile earth is extended to the produce. The New Caledonian lifts a yam with the gentleness afforded a newly-born child. He slips his hand under the end which is called the head in order to support it: "To hold a yam badly is as serious as holding a child badly." Just as a woman's refinement is assessed by the manner in which she carries a child, so is a person's by the way he holds a yam.

Not only does the magical procedure pertaining to the yam accord it human status, but in Leenhardt's view the identification is explicit: "The yam is a human being, born in the earth where the ancestors have dissolved and remain in a diffused state. It is the flesh of the ancestors." The tuber dug into the field as seed disappears to the benefit of the new tubers. It is the image of the dead. Further, the bereaved are comforted with a yam. They are hereby reminded that although part of the yam dies in the earth, new yams are born from it. The mourners' yam is thus a symbol of perpetuating life and as such offers people encouragement. "The old yam gives birth to the new yam which strengthens the position of man and confirms his virility. Man returns into the earth at death, with the old yams as his ancestors. Man's cycle of existence is enclosed in that of the yam." Saussol adds that the yam's biological cycle unites the living with their dead ancestors, thus acknowledging the soil as life's source.

Leenhardt, writing in the 1930's, felt that the already broiling anthropological discussions on parthenogenesis were futile since mythology confirms the indigenes' viewpoint. He advanced that in New Caledonia "man ignores his real being... His existence is in his eyes identical to that of the yam. And the deep feeling which he experiences of his identification with nature confirms that this cycle corresponds to reality."

The ardent yam cultivators of the New Guinea Sepik and Maprik areas, the Abelam and their neighbours the Itahita Arapesh, are more male oriented in gardening than are the Trobriand Islanders. They differ too in their total exclusion of women from tending yams of ceremonial significance. This may be due partly to the yam being a symbol of virility amongst these peoples, partly to the patrilineal system.
while the economic and symbolic importance of pigs in these cultures\(^6\) and women's care of them may also be relevant factors.\(^1\) It may even be influenced by taxonomic choice whereby Dioscorea alata\(^2\) (the long yam) is the symbolic focus\(^5\) and not Dioscorea esculenta as in the Trobriands. Even so, there is a fundamental similarity: the yam is personified.

Abelam men grow long yams. These are closely associated with the prestige of men and their clans.\(^2\) Such yams are often regarded as being "like men".\(^3\) and the yam is believed to have a spirit for which a term identical to that for the spirit of a man is used.\(^6\) A long yam can hear and smell.\(^7\) At harvest each is adorned with a mask, head-dress and male valuables, so that it resembles a decorated man and is identified with his achievements.\(^8\)

The Ilahita Arapesh man often refers to the yam as his child and regards it as having a spirit.\(^9\) Yams may be decorated in the same manner as males during initiation, even with regard to genitalia.\(^10\) Because of their phallic shape and the fact that yams have an aversion to female sexuality, Tuzin, following Kaberry,\(^11\) equates the yam with the phallus.\(^12\) This equivalence should, however, not be overemphasized since both ethnographers elsewhere say that there are other long yams regarded as "female";\(^13\) when these are forked they are said to resemble a female's spreading legs.\(^14\) Female yams are given netbags and embellishments typifying girls' puberty ceremonies.\(^15\) Although in such New Guinea cultures women are not as closely identified with the yams as they are in the Trobriands, some yams nevertheless can have feminine attributes.

It is thus evident that amongst the Abelam, Ilahita Arapesh and Dobuans there is general identification of the yam with the human being. Amongst the Kinaam and New Caledonians the association of yam and human being reappears, but there is also specific identification with the child. A similar attitude apparently pertains on Wogo Island in the Schouten Group. Hogbin draws attention to the islanders' devotion to their land: a man says he "watches over" rather than "works" his allotments, using a word which also means caring for children.\(^16\) The Murray Islanders of Mer (Torres Straits) refer to the seed-yam tuber by the name "mother" and its shoots as "children". They furthermore believe that the yam mother will produce children for as long as she remains uninjured.\(^17\)
The identification of yam and child is accentuated by parallels between human pregnancy and yam growth in the ceremonial of the Kiwai and Kimaam, for whom sexual intercourse is relevant to yam growth. There are a number of New Guinea peoples who, like the Tangu of the Madang district, believe in the efficacy of sexual congress for sound crop growth.

An association between woman and the crops is thus present in a number of Melanesian cultures and others farther afield. There is sufficient common ground in the symbolic associations of the yam in Melanesia to lend support to my interpretation that in the Trobriands: a) the garden may be viewed as female and as the belly of woman; b) human and crop generation is considered a similar process; and c) the yam is anthropomorphized as the child of woman.

Notes

5 E.g. Mauss 1910: 210
6 James 1959: 253–254
7 Lane 1965: 259; Van Bui 1966: 208
9 Best 1959: 22
10 Best 1959: 39
11 Emory 1940: 77; cf. Luomala 1955: 68–69, 177 (Polynesia)
12 Piddington 1939: 289
57 Serpenti 1965 148
58 Cf. Serpenti 1965 222
59 Serpenti 1965 222
60 Serpenti 1965 223
61 Serpenti 1965 223–225
62 Serpenti 1965 225
63 Serpenti 1965 225–226
64 Serpenti 1965 225
65 Serpenti 1965 226
66 Serpenti 1965 226
67 Serpenti 1965 228 (my underlining)
68 Serpenti 1965 227
69 Serpenti 1965 229; cf. Gardi 1960 plate 46 (facing 144), 159–160 (Maprik area, New Guinea)
70 Serpenti 1965 212, cf. 201
71 Leenhardt 1930 127 (translated from French)
72 Leenhardt 1930 126–127
73 Leenhardt 1930 127
74 Leenhardt 1930 127
75 Leenhardt 1930 127
76 Leenhardt 1930 127
77 Leenhardt 1931 126
78 Leenhardt 1971 122 (translated from French)
79 Leenhardt 1971 123
80 Leenhardt 1971 123 (translated from French)
81 Leenhardt 1971 124
82 Leenhardt 1971 124
83 Leenhardt 1971 124
84 Leenhardt 1971 124 (translated from French)
85 Saussol 1971 229
86 Leenhardt 1971 127
87 Leenhardt 1971 125 (translated from French)
89 Cf. e.g. Mogi 1969 3 (Central Highlands, New Guinea); Oliver 1942a 35 (Boiguinville, Solomon Islands)
90 Vayda et al. 1961 59–72 (Melanesia); Meggitt 1969 2, 5 (Central Highlands); cf. e.g. Kaberry 1941 351–352 (Sepik district); Bus 1951 813–824; Elkin 1953 177–200 (Wabaga/Enga, Central Highlands); Bulmer 1960 2, 4–7 (Kyaka, Western Highlands); Harrison 1937 24–33, 41–42 (New Hebrides)
91 Cf. e.g. Kaberry 1941–42 336, 354 (Sepik district); Lazard 1954 65–66, cf. 112 (Nondugl area, Western Highlands); Fischer 1968 290 (Jehu, Morobo district); Brookfield & Brown 1963 57
92 Coursen 1967 45–46
93 Cf. e.g. Lea 1964 76 (Maprik area); Tuzin 1972 231, 233 (Sepik area); Harrison 1982 142–146, 151–155 (East Sepik); Haynes & Coursen 1969
93 (New Guinea); Young 1971 147 (Goodenough Island)
95 Kaberry 1941 356; Gardi 1960 148, 155—156, 159
96 Kaberry 1941 356; cf. Jennis & Ballantyne 1920 124 (D’Entrecasteaux Archipelago)
97 Forge 1962 10; Forge 1966 28
98 Kaberry 1941 356; Kaberry 1941—42 349; cf. Forge 1966 28; Lea 1969 179
99 Tuzin 1972 234
100 Tuzin 1972 236
102 Tuzin 1972 232 n., 237; cf. McKnight 1973 199 (Wik-Mungkan, Australia)
103 Tuzin 1972 232; cf. Kaberry 1941 357
104 Tuzin 1972 232 n.
105 Tuzin 1972 237
106 Hogbin 1939 164; cf. Hogbin 1938 301—303
107 Haddon 1912 146
Women and gardening in the context of Trobriand culture

This analysis of the position of Trobriand women in gardening suggests that it is particularly her symbolic relationship to the garden and the esteem accorded her by the pivotal matrilineal urigubu transaction which emphasize woman's unique position in the society as the giver of children and afford her fulfillment. It may be accepted that woman also receives satisfaction from her position in gardening to the extent that this is consistent with, and related to, her position in the rest of the culture. This consistency and the interrelation of different parts of Trobriand culture are the subject of this final chapter.

Opler¹ has demonstrated the significance of dominant and counter-balancing themes as vehicles for cultural integration. He suggests that a dominant theme permeates various aspects of culture but is restrained by opposing factors. The interplay of dominant and counter-theme lends a culture coherence. The foregoing analysis of Trobriand garden symbolism centres around the matrilineal system and woman's motherhood. The emergent question is whether these might be regarded as dominant themes of the culture, and what evidence there is of the presence of counter-themes.

Dominant themes

Matrilineal descent is primarily a principle of social organization, because descent group membership is established through women, they are important as perpetuators of the matriline² and as members of the matrilineal group. This descent principle channels the roles of the sexes:
e.g. the father-husband is socially negligible for the perpetuation of the matrilineage. The Trobriand denial of paternity also emphasizes the matriliny. A woman's children belong to her matrilineal sub-clan. Her brother, who usually represents the minimal matrilineal unit, will be concerned with its continuity despite a constraint on his interest in the sexual life of his female matrilineal partner.

Evidence of the theme of matrilineal descent is also to be found in Trobriand economic life. Malinowski was aware that matrilineal descent reckoning exercises a profound influence on the nature of Trobriand culture and land tenure. He perceived the matrilineal bias of the myth of human genesis; and that the matrilineal descendants born solely of the eponymous ancestress who emerged from the ground at a particular place, exercise rights over that territory. It is the owning sub-clan which forms the nucleus of the garden team that takes the initiative in the magic and work of gardening, and to which the model standard plots usually belong.

The matrilineal principle, coupled with sub-clan exogamy and virilocal residence, results in Trobriand woman working her husband's plots. It is visible in the institution of urugubu (matrimonial harvest gift) which pivots on the relation between female and male sub-clan members. The receipt of urugubu enables a woman to retain meaningful ties with her sub-clan and acknowledges her continued, valued membership of this group. As has been seen, woman's role as perpetuator of the matrilineal group is acknowledged in the urugubu transaction through the symbol of the taytu identified with the child of the sub-clan.

There are hints of the reappearance of the matrilineal principle in other economic activities, particularly the canoe-building and sailing associated with the kula (overseas expedition for ceremonial exchange). A Kudawuri (Kitava Island) myth narrates how a Lukuba headman's canoe originally was able to fly by means of the magic he (and his sisters) alone knew, until certain of his clansmen jealously killed him; as a result this magic died with him. His sisters, angered at the murder and loss of the magic, but who also possessed this magical power, flew away from the village.

All these matrilineal heroes of the Lukuba clan emerged from underground, and were "the first representatives of their totemic sub-clan on the surface of the earth". Both the gardening heroes Gere'u and Tudava are of this clan, and in Malinowski's myth cycle the Lukuba
are the foremost canoe-builders and sailors. Gere'u is also a *kula* hero, as renowned for his magical acumen in procuring vast quantities of *kula* valuables as in producing great gardens.

The seagoing canoe (*masawa*) is therefore mythologically associated with the matrilineal principle and sub-clan. Further, some Trobriand origin myths, notably those from Kwaiwaga, state that the people's original ancestors arrived in a canoe. The owner of a seagoing canoe is usually the head of a village or sub-division of one, such headship being linked with sub-clan leadership. A core of men accompanying the owner of a seagoing canoe as crew usually belong to the same matrilineal sub-clan, as is the case with the gardening team; and Powell makes explicit reference to *kula* canoes being made for sub-clans. In building and sailing, certain rules of propriety concerning the seagoing canoes are observed in respect of particular sub-clans. Significant, in Kaduwaga (Kayeuna Island), a female clanswoman of the owner stands in the canoe at the end of the maiden voyage, and Gilmour observes that Kiriwinan sisters prepare food for their brothers before the latter depart on *kula*. It seems therefore that the seagoing canoe, along with the standard garden plot and the pregnant woman, is associated with the matrilineal sub-clan.

Recurrent of the theme appears in other aspects of the culture as well. Malinowski wrote that "one hole of emergence, one sub-clan, one territory — or a definite part of it — and one headman, runs through the whole social organization of the Trobriand". That the genesis myth concerning the hole of emergence is relevant to matrilineal descent has already been emphasized. The myth links the theme of matrilineal descent with the magico-religious aspect of culture. The autochthonous founding ancestress of the sub-clan brought with her the system of garden magic which the garden magician, typically her direct matrilineal descendant, applies. The practice of garden magic thus serves as a link between the sub-clan and its ancestress. Besides garden magic there are also other systems of magic vested in specific sub-clans.

In the horticultural spells matrilineal forefathers are requested to grant the soil fertility, although paternal ancestors are not excluded. These ancestors are also responsible for the persistence of the sub-clan by the addition of new-born members. There is continuity of the sub-clan in the spirit world and the ancestor who is reincarnated as a spirit-child through a woman belongs to her own matrilineal sub-clan.
The theme is also present in Trobriand political organization. The principle of matrilineal descent is associated with the doctrine of the emergence of the matrilineal group's first female ancestress from a particular hole.\(^2\)\(^6\) and this forms the basis of village residence and citizenship.\(^5\)\(^7\) The leader of the highest-ranking sub-clan is the headman of the village, which is the significant political unit.\(^2\)\(^8\) Heads of lower-ranking sub-clans are consulted at council meetings.\(^2\)\(^9\) Matrilineal descent is the basis of succession to sub-clan leadership\(^3\)\(^6\) although the typically Melanesian method of determining leadership on the basis of accumulation and distribution of wealth and services is also prevalent.\(^3\)\(^1\) As a factor in succession, inheritance\(^2\)\(^2\) and guardianship, matrilineal descent has legal (and economic) implications. It is apparent that matrilineal descent recurs in various aspects of Trobriand culture and as such emerges as a dominant theme which lends consistency to cultural experience.

Human female sexuality and procreation seems to be another dominant theme in Trobriand culture. As I have shown, the origins of humanity and of gardening coincide in Trobriand mythology, both deriving from the female ancestress who emerged from a sacred spot in the ground. There is an equation between the earth and mankind, especially with regard to the female, for both are able "to burgeon (with) child".\(^3\)\(^3\) By metaphorical ascription of the conditions of motherhood to the soil and through the symbolic activities and attitudes associated with gardening, the significance of female sexuality and procreation is emphasized. This theme is replicated in other economic institutions such as the kula in which the canoe plays a dominant role.

There are certain clear pointers to identification of the canoe with woman. The prow-board of the masuwa (seagoing canoe) is the facial symbol of the canoe-builder's wife.\(^3\)\(^4\) The formulae of canoe construction and sailing invoke the canoe to bind its skirt together and fly\(^3\)\(^5\) suggesting that the canoe resembles a flying witch.\(^3\)\(^6\) This metaphor seems to lend the canoe immunity from the dangers of the sea\(^3\)\(^7\) and ascribes femininity to it.\(^3\)\(^8\) Other parallels between canoe ceremonial and that of pregnancy and the parturient female may also be drawn.

When the ornamental prow-boards have been inserted into the seagoing canoe, it is pushed into the water, and men wash the canoe with seawater to remove any evil influences.\(^3\)\(^9\) In like manner women assist the expectant mother and douse her with seawater.\(^3\)\(^6\) The pregnant woman is then carried to the village and placed on a platform.\(^3\)\(^1\)
Similarly the canoe, once it has been rubbed and washed, is taken ashore and rested on skid logs.  

When a woman’s confinement is pending, her husband and male matrilineal representatives stand guard beside fires to ward off attacks from sorcerers. In Kaduwaga a guard which appears to be similar to the one preceding childbirth is mounted on the night before the canoe is launched. Before the launching there is a series of acts initiated by the “ritual cooking” of the canoe”; substances whose smoke will render speed and have a cleansing effect are burnt under the bottom of the canoe. Likewise an important puerperal custom requires the mother to sit on a bedstead over a fire to hasten the blood-flow; this fire also being associated with protection and cleansing.

The seagoing canoe is covered with a protective plaited covering of coconut fronds to ward off the sun. This is removed prior to the ceremonial launching. For the same protective reason the pregnant mother is said to be covered with a mantle, dispensed with before confinement, though hers consists of another fertility substance, banana fronds.

The ceremonial launching of the seagoing canoe is called the “staining red of the mouth of the canoe”. The canoe magician colours its bow and stern (they are interchangeable) with charmed red ochre; a cowrie shell on the prow-board is also painted red. This custom resembles that in the first pregnancy ceremony in which the pregnant woman’s face and mouth are painted red and red hibiscus flowers embellish her hair.

In Kaduwaga a house is built around the canoe when it is to be decorated for launching. Montague states that “Kaduwagans liken the seclusion of the canoe to that which a woman undergoes after giving birth.” While the boat is being decorated men alone may see it. In human procreative ceremony the new mother is secluded for a month: during this period only women may see her. The mother is meticulously beautified in anticipation of her coming-out ceremony. Montague likens the canoe to the new-born child but this conflicts with the above interpretation of her informants namely, that the seclusion is that of a mother. She overlooks the fact that the canoe and mother are decorated and receive similar ceremonial treatment and that the prow-board is likened to the face of the builder’s wife.

In Malinowski’s day the newly-launched canoes were given a trial run.
and then embarked on a maiden voyage of display prior to their departure for *kula*.

The mother also displays herself and her new-born child at the coming-out ceremony following the seclusion period. In Trobriand procreative ceremony the father's sisters enact the mother's expulsion. At the Kuduan gam ceremonial launching of the canoe, women shy coconuts at it (trying to unseat the crew). Both rituals of mock expulsion suggest that the matrilineal identity of the woman and her child on the one hand, and the canoe and crew, with its core of matrilineal kinsmen on the other, is hereby established.

The theme of female sexuality and procreation seems also to manifest itself in the creation of women’s wealth. Trobriand men exchange stone axe blades amongst themselves, these being a sign of wealth.

Women have their own type of wealth in the form of bundles and fibre skirts made from banana fronds. The accumulation and distribution of bundles and skirts is of absorbing interest to women and provides them with renown. Although she provides no supporting evidence for attributing symbolic significance to red skirts, Weiner proposes that they epitomize "that which is essential to *dala* [the sub-clan] and the regeneration of *dala*... symbolizing the power of being female".

Bundles are "the symbol of milk and nurturance. As bundles are rewoven into skirts, the skirt itself can be analyzed as an embodiment of all that is 'womanliness': sexuality, reproduction, and nurture."

The activities following a death have a symbolic structure apparently homologous to that of pregnancy and gardening, in which males assume prominence in the first period, women in the second. After a death has occurred, the funeral workers are males (although, as in the early stages of pregnancy, the father's sister plays a distinctive role); four to eight months later women organize a female mortuary ceremony. The hallmark of this ceremony is a massive exchange of bundles and skirts. The exchange of these articles, particularly at this time, seems to symbolize the renewal of life — a process intimately associated with womanhood. Since the ceremony lifts a number of restrictive mourning observances such as that of being black and dirty, an association with cleanliness and the pregnancy ceremony appears. The procreative power of women provides assurance of the regeneration of the sub-clan.

The theme of woman's sexuality and procreation thus occurs in gardening, the canoe and women's wealth, and is also found in aspects of culture other than the economic. There is an association between human female procreativity and matrilineal descent reckoning — which is
so crucial in the social organization. Because woman is sole perpetuator of the matrilineal group, it follows that such a theme may attain cultural dominance. This of course does not imply that in a patrilineal system woman’s propagative capacity will not be recognized; rather, that there is greater likelihood of this being emphasized in a system which draws attention to the female principle. In gardening, the theme reinforces the conjugal tie through the symbolic expression of the procreative roles of mother and father; the garden magician’s ritual also contributes to the expression of it; spells form an important part of the ritual, thus linking the theme with language; and plot terminology further reinforces it. Although there is little documentation of Trobriand artistic expression, the theme of woman also appears on the decorative prow-board which represents the canoe-builder’s wife. And finally, Weiner states that the exchange of skirts symbolizing female sexuality “allows women to play a public role with political implications”. It thus appears that this major theme of female fertility has an important integrative effect in Trobriand culture.

Counterbalancing themes

Opler states that there are usually limiting factors circumscribing the influence of dominant themes. Trobriand concern with woman in descent reckoning and symbolism appears to be counterbalanced by expressions of patrilineal, affinal relations, individuality and the theme of male prominence.

Radcliffe-Brown has shown that matrilineal and patrilineal systems are rarely mutually exclusive: one line of reckoning tends to predominate. Malinowski was conscious of this type of interplay in Trobriand culture, though he tended to view it as a conflict between “matrilineal” and “patriarchal” principles. Although he tended to underemphasize it, Malinowski perceptively recognized a counter-theme to matrilineal descent and the dogma of parthenogenesis in the cultural idea, strictly adhered to, that a child resembles its father, a social “outsider”, not its mother or matrilineal kin. Other examples of patrilineation are that the male garden magician may in practice inherit his magic paternally, and, both maternal and paternal ancestors are influential in granting fecundity to the soil. It is the father, not the mother’s brother, who represents his daughter or son in marriage and in procreative ceremonial a woman’s father and his matrilineal kinswomen ensure the success of her pregnancy. And a paternal ancestor may effect the reincarnation of a spirit child in a woman.
The father exercises some authority over his son until puberty, and residence is virilocal. A male may inherit love magic and that pertaining to canoe-construction from his father. The father also gives his son a position in the kula and provides him with privileges and gifts. Malinowski regarded such benefits as an indication of "father-love" (which he viewed as a "patrarchal" principle) pitting itself against the overriding matrilineal descent system. He has been criticized for confusing emotional with structural issues. Uberoi argues convincingly that the cases of father-love cited refer to high-ranking males, and that gifts from the father, together with patrilateral cross-cousin marriage, are structural mechanisms with implications for political alliance. The importance of these points for the present purpose is to register the cultural recognition of ties through the father, whereby he as a male receives a measure of personal recognition in different aspects of the culture.

Affinal relations add an important dimension to the islanders' lives and tend to counterbalance the emphasis on matrilineal descent. Affines participate in mortuary ceremonial and are operative in building the seagoing canoe, dwelling and storehouse. Affines must annually render return gifts for urigubu (matrimonial harvest gifts) received: a man's sister provides his wife with "women's wealth," and the man presents "men's wealth" to the wife's brother. By virtue of polygyny, numerous affines provide a chief with tribute in the form of urigubu, thus enhancing his power. A chief may call on affines for purposes of peacekeeping in war. Should such duties of affines as pertain to mortuary ceremonial, urigubu or war be evaded, the political implications are that relations between the individuals' sub-clans, and hence their respective villages, would become severely strained. Affinal relations therefore have implications for several aspects of culture.

There is some evidence that a concern with individuality also offsets the emphasis on matrilineal descent as exemplified in sub-clan solidarity. Individual women and men can achieve satisfaction in their ability to garden well. There is a degree of individuality in plot ownership in growing urigubu for a specific recipient, and in presenting it for personal as opposed to sub-clan reasons. The existence of private garden magic points to individuality in the magico-religious aspect. An individual may, by and large, follow her (or his) personal yearnings in selecting a marriage partner. Females and males also individually own possessions. Uberoi suggests that the kula counters a partner's sub-clan ties by emphasizing his duties to a person from an opposing
district.\textsuperscript{106} The \textit{kula} does provide for a measure of individual self-interest,\textsuperscript{107} although sub-clan membership nevertheless affects the composition of the crew of a \textit{kula}-canoe.

Montague maintains that Kaduwagan Trobriand Islanders regard themselves first as human beings, then as males and females,\textsuperscript{108} and that they see themselves as individuals.\textsuperscript{109} Her findings, like those of Uboei, are an instructive caution lest we over-categorize Trobriand behaviour and imprison the individual in a cell of matrilineal solidarity.

Expression of the theme of male prominence is found in the active role men play in the various aspects of Trobriand public life. As has been seen, they take the lead in ceremonial activities pertaining to horticulture. They spend more time working in the fields than women.\textsuperscript{110} \textit{Urigubu} is publicly given from one man to another, and men earn renown from gardening. The most significant person in gardening, the \textit{towosi} (garden magician), is a male.\textsuperscript{111} Males are the "owners" of property associated with the sub-clan, like plots and canoes.\textsuperscript{112} Men build storehouses and seagoing canoes.\textsuperscript{113} They voyage on \textit{kula}\textsuperscript{114} and procure valuables.\textsuperscript{114} They dominate the activities associated with the magic of canoe-construction and the \textit{kula}.\textsuperscript{115} The ethnographic information on fishing is sparse but principally portrays it as the activity of men and boys.\textsuperscript{117} Men arrange marriages, subsidize feasts\textsuperscript{118} and deliberate in councils (\textit{kayaku}).\textsuperscript{119} They act as legal representatives of minimal matrilineal units.\textsuperscript{120} Men attain particular significance in political life by their position in the \textit{kula}\textsuperscript{121} and by the fact that they alone may aspire to roles of leadership.\textsuperscript{122}

Earlier in this chapter I indicated that the dominant themes of matrilineal descent and women’s sexuality and motherhood interlink economic and other aspects of Trobriand culture. Similarly the counterbalancing themes of patrilineation, affinal relations, individuality and male prominence are relevant to different aspects of the culture. It is not proposed, however, that recurring themes alone account for the integration of culture (although the material has not produced many instances of connections between aspects other than those related to the themes discussed). One way in which the economic and social aspects of the culture are linked is by the practical co-operation of wife and husband in gardening, which reinforces the conjugal tie. The garden magician and his rites express the cultural themes, and by directing the gardening activities of women and men, these connect the economic and magico-religious aspects.
The position of women in Trobriand culture

Malinowski periodically mentions, if somewhat vaguely, the "high position" of Trobriand women and remarks that "the freedom, influence and independence of women is clearly manifested in their surface behaviour." Such generalizations are usually not helpful, but coming from so sensitive a fieldworker the statement should be noted. In Trobriand culture woman's procreative ability is acknowledged: symbols of propagation permeate the major ceremonies and aspects of culture. That Trobriand descent reckoning is traced through her appears to consolidate woman's position in society further.

Trobriand women and men appear to function on different levels in gardening as they do in the rest of the culture, but both participate whether at a symbolic or practical level. Unlike many of their New Guinea counterparts, men do not vie with women in the Trobriands, they function in complementary roles. A balance between male and female is achieved via the symbolic medium in which both are incorporated: the man plays out a more active, the woman a more symbolic role.

Men predominate in the magic and practical work of gardening; there is no reason why woman should play a larger part in gardening than she already does, for it is her procreative ability that is dramatized. Similarly, in the important kula institution, her active participation is unnecessary when considered symbolically. The crew of the canoe consists of matrilineal kinsmen and the boat itself is female, these symbolically emphasizing the perpetuation of the matrilineal sub-clan. Male activity pertaining to the canoe is thus a cultural enactment of that which women perform physiologically. The position of the male is characterized by greater public prominence: the man acts as the political, social, economic and magico-religious representative of the sub-clan. The position of woman on the other hand is less overt: she is not an organizer but a perpetrator and symbol of the matrilineal sub-clan.

It may therefore be concluded that woman is as crucial to gardening and to Trobriand culture as is the more visible male, but her medium is that of metaphor. These conclusions question the validity of Ortner's theoretical paper, based on limited ethnographic evidence, in which she states: "The secondary status of woman in society is one of the true universals, a pan-cultural fact." The Trobriand Islanders reveal that the cultural relationships of women and men are infinitely more com-
plex than her assertion supposes.

General conclusions

The object of this study has been to gain insight into the position of women in the Trobriand Islands with particular reference to horticulture. The paramount importance that the people attach to gardening **taytu** (the small yam) has been examined. It has also been noted that women are relatively inconspicuous in gardening activities, particularly those of a ceremonial nature. But linguistically the garden plot is associated with woman's body and the **taytu** with her child, an equation ratified in the spells and in the myth of primogeniture.

The interpretation that emerges is that Trobriand economic production of **taytu** mirrors the culture's view of the procreation of human beings, both in process and product. The similarity of process is evident in symbolic procedures which acknowledge the significance of woman as procreator. The affinity in product appears in the **urigubu** (matrimonial harvest gift) institution. The males of the matrilineal sub-clan render their creative contribution — the **taytu**, symbol of the child — to their nearest female relative. This seems to draw attention not only to the procreative ability of woman, but also to her enduring position within the sub-clan. Further, the woman assists her husband in producing the **urigubu** destined for a female member of his sub-clan, whilst he aids her in the production and rearing of children for her sub-clan. This is possible within a belief system which denies paternity, which emphasizes the matriline, and which accords a symbolic equivalence to **taytu** and children stemming from the identification of the burgeoning garden with the pregnant woman.

An association of woman and crops is neither an aberration nor an idiosyncrasy of the Trobrianders in the context of Oceania. Widespread, especially in related culture areas, though variously articulated, is the concept of the earth as female, the idea of woman as mother of humans and plants, and a metaphoric equivalence between people and produce. Two dominant themes of Trobriand gardening, viz matrilineal descent, and human female sexuality and procreation, acknowledge the importance and relevance of woman to the economic process. The percolation of these themes into other institutions ratifies their cultural significance. They are intrinsic to pregnancy, are manifested in the symbolism of the **kula**-canoe, and are also suggested in mortuary customs. The themes weave through and integrate different aspects of culture.
Woman's procreativity is acknowledged in the language of gardening and there are indications that it appears in the virtually unexplored artistic expressions of the people. In similar manner the counter-balancing themes of patrification, affinal relations, individuality and male prominence also link different aspects of culture.

Trobrand men are in the forefront of numerous activities in addition to gardening: they conduct trade, travel, and establish contacts. Women are incorporated in the principal economic activity of gardening and achieve renown from urigubu received. But their physical participation in culturally important undertakings is restricted. Superficially considered, woman seems to have little cultural significance. However, the Trobrand woman is structurally significant on account of matrilineal descent reckoning which confers prestige on her, and she is important through symbolism in which she is ever-present. The roles of males and females in gardening symbolically mirror those in procreation.

The complementary nature of male and female horticultural roles is evident. Men and women are neither competitors nor antagonists: the work of one is different from, yet interrelates with, that of the other. There is both direct and indirect involvement in culturally important activities, with woman and man functioning on different cultural levels. The symbolism intrinsic to the activities of males and females raises woman's procreative ability to one of the culture's dominant values. Through the symbolism of gardening, woman's cultural position harmonizes with her biological nature. It is these factors which afford her satisfaction and a large measure of cultural esteem.

Notes

1 Opler 1945 198–206; cf. Taylor 1973 43
2 Weiner 1976 20; Malinowski 1966 I 345
3 Schneider 1961 14–16
4 Röheim 1950a 29–30
5 Malinowski 1932 170–173; cf. Schneider 1961 13
6 Malinowski 1966 I 341–342
7 Malinowski 1922 311–316
8 Malinowski 1922 317, 321
9 Malinowski 1922 317
10 Malinowski 1966 I 68–74
11 Malinowski 1922 321
12 Malinowski 1922 307
13 Malinowski 1966 I 69
14 Weiner 1976.38
15 Malinowski 1922 114, 118, 122–123
16 Powell 1956 183; Powell 1977a
17 Powell 1956 106
18 Malinowski 1922 230–232
19 Montague 1974 139
20 Gilmour 1905 71
21 Malinowski 1966 I 350
22 Malinowski 1966 I 348
23 Malinowski 1916 403–406; Malinowski 1932 149–150, 152
24 Malinowski 1966 I 348; Malinowski 1916 406
25 Malinowski 1932 146
26 8 above
27 Malinowski 1966 I 341, 344; Powell 1956 45
29 Malinowski 1966 I 347
30 Malinowski 1966 I 345–346
32 Malinowski 1966 I 345
33 Malinowski 1966 II 262; cf. 8 above
34 Montague 1974 200; cf. Malinowski 1922 plate XXIV (facing 97); Silas 1967 152
35 Malinowski 1922 132, 138
36 Malinowski 1922 131, 138, 200, 215, 320
37 Cf. Malinowski 1922 236–237
38 Cf. Margot-Duclot & Vement 1946 40
39 Malinowski 1922 135
40 Malinowski 1932 185–186
41 Malinowski 1932 188
42 Malinowski 1922 135
43 Malinowski 1932 194
44 Montague 1974 135
45 Malinowski 1922 139–140
46 Malinowski 1932 194–197
47 Malinowski 1922 147
48 Malinowski 1932 180–181, 189, 191, 193; Silas 1967 17
49 Malinowski 1922 147
50 Malinowski 1922 215–216
51 Malinowski 1922 147
52 Malinowski 1932 187
53 Montague 1974 135
54 Montague 1974 135
55 Malinowski 1932 196–197
56 Malinowski 1932 197
57 Montague 1974 200
58 Malinowski 1922 147-154
59 Malinowski 1922 163-165
60 Malinowski 1932 196-197
61 Malinowski 1932 197 (for "maternal" in line 23 read "paternal"); cf. Malinowski 1932 185-186, 196, 422-423
62 Montague 1974 136-137
63 But cf. Montague 1974 200
64 Weiner 1976 179, 183, 231
66 Weiner 1976 78, 91, 100, 118-119; cf. Montague 1974 166-168, 176-177, 185
67 Weiner 1976 119, cf. 117, 120
68 Weiner 1976 119, cf. 92-93, 193
69 Weiner 1976 64-65, 69
70 Malinowski 1932 180, 185-189
71 Weiner 1976 64
72 Weiner 1976 62, 98
73 Weiner 1976 103-116
74 Weiner 1976 62, 112, 119
75 Weiner 1976 119
76 Opler 1945 201
77 Radcliffe-Brown 1952 39-42; cf. Burrows 1939 I (Polynesia); Mead 1938 167 (New Guinea); Kaberry 1941 257-258 (Abelam, New Guinea)
78 E.g. Malinowski 1966 I 359-360, 378; Malinowski 1926a 128; Malinowski 1932 88
79 Cf. Scheffler 1973
80 Malinowski 1932 172-177
81 Malinowski 1927b 121; Malinowski 1966 I 64
82 Malinowski 1932 72-73, 76-77, 447; Weiner 1976 174-176; Robinson 1962 128-137
83 Malinowski 1966 I 203; Malinowski 1932 180, 185-190; cf. Robinson 1962 141-144
84 Robinson 1962 144-145; cf. 27 above
85 Powell 1969a 184; Malinowski 1926a 108; Malinowski 1966 I 205
86 Malinowski 1916 389
87 Malinowski 1932 81
88 Malinowski 1932 81, 177; Malinowski 1926a 109-110
89 Cf. Malinowski 1966 I 361
90 Malinowski 1926a 101, 106-111; Malinowski 1932 81, Malinowski 1966 I 204-205
91 Fortes 1957 182-183; Powell 1969a 185; Uberoi 1971 103
92 Uberoi 1971 103-106
93 Uberoi 1971 100-106; cf. Robinson 1962 125
94 Malinowski 1932 128-130, 135
95 Powell 1956 411; Powell 1977a; Malinowski 1922 134, cf. 114, 125; Malinowski 1932 108; Malinowski 1966 I 245-246
96 Malinowski 1932 I10–111; Powell 1956 564; Weiner 1976 45–46
97 Malinowski 1966 I 56, 191–192; Malinowski 1932 59, 107, 111–113
98 Powell 1969b 592
99 Cf. e.g. Malinowski 1932 103, 108–109, 129, 135; Powell 1960 126–127; Powell 1969b 592
100 Malinowski 1966 I371
101 Cf. Malinowski 1966 I 329; Montague 1974 124; Weiner 1976 197
102 65 above; Malinowski 1966 I 392–396; Powell 1969b 584; Montague 1974 103
103 Malinowski 1966 I 153
104 Malinowski 1932 66, 71; Powell 1969a 197
105 Malinowski 1932 20–21; Montague 1974 113, 191–192; Uberoi 1971 134
106 Uberoi 1971 159
107 Uberoi 1971 160
108 Montague 1974 191, 194–196
109 Cf. Montague 1974 191, 204–205, 211
110 Table I 101
111 8 above
112 7–9, 87 above
113 Powell 1956 411; Powell 1977a; Malinowski 1922 I14, 125, 134, plates XXV–XXVIII (144–145); Malinowski 1932 22
114 10 above; Malinowski 1922 197, 206, 280; Gilmour 1905 72
115 Malinowski 1922 81, 351
116 Malinowski 1922 126–142, 206, 335–349, 360–361; Gilmour 1905 71
117 Malinowski 1918 87–92; Malinowski 1966 I plate 5 (facing 16)
118 E.g. Malinowski 1932 69, 111–112; Powell 1960 135
119 Powell 1960 132
120 Malinowski 1932 110
121 Cf. Uberoi 1971 159
122 Powell 1956 267–268, 270
123 Malinowski 1966 I 35; cf. Weiner 1976 229
125 Cf. Mead 1940 350 (Anapaesh, New Guinea)
Appendix: the organization of labour

It seems to me that an analysis of the position of women in gardening should also take cognizance of the practical organization of labour, and in so doing address the question of whether certain symbolic associations linked with men and women influence the sexual divisions that occur. I believe that such an approach might prevent an oversimplified view of woman’s role and significance based solely on the amount of time or energy women, as compared with men, spend in this pursuit and the amount of explicit recognition woman receives.

Female-male work ratio

The Trobriand ethnographic data have a number of inconsistencies and omissions with regard to time apportioned to different tasks. Cleaning the plot is more particularly women’s work (though it may be performed by joint labour); placing boundary sticks and fencing is men’s work; together they cover a period of 30 days during which women and men work concurrently, the actual time spent by the sexes on their respective activities being unknown.\(^1\) Weeding (female), garden protection and related activities (male) occur concurrently, though the time devoted to weeding appears to be longer than that spent on garden protection.\(^2\) Harvesting of *taytu* is a joint wife-husband activity although each sex concentrates on its own share of work. There is no clear indication as to the importance of the harvest of large yams.\(^3\) The total time registered for male and female activities discussed possibly exceeds the overall period spent in gardening. The reckoning presented in Table I is therefore unfortunately approximate through a lack of
Table 1

TIME IN DAYS SPENT BY MEN AND WOMEN IN GARDENING TAYTU

<table>
<thead>
<tr>
<th>TYPE OF WORK</th>
<th>MALES</th>
<th>FEMALES</th>
<th>JOINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(First Phase)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutting boundary belt &amp; path into plot</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Cutting scrub</td>
<td>30</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Cleaning plot</td>
<td>-</td>
<td>30 ?</td>
<td></td>
</tr>
<tr>
<td>Placing boundary sticks, fencing</td>
<td>30 ?</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Planting</td>
<td>60</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>(Second Phase)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weeding</td>
<td>-</td>
<td>75</td>
<td>-</td>
</tr>
<tr>
<td>Garden protection, erecting supports,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>thinning tubers</td>
<td>45</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Harvesting large yams &amp; taro</td>
<td>-</td>
<td>-</td>
<td>30 ?</td>
</tr>
<tr>
<td>Major harvest, construction of arbour,</td>
<td></td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>display of taytu</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL DAYS:</td>
<td>166 ?</td>
<td>105 ?</td>
<td>90 ?</td>
</tr>
</tbody>
</table>

accurate day-to-day information, but some indication of the relative proportions is possible.

Trobiand males appear to spend most time at work in the gardens and predominate in the first phase of the season, females being actively employed in the second phase. A considerable amount of work is accomplished jointly by husband and wife, especially at harvest.

The breakdown of figures is as follows:

- Males work alone: 3 months
- Females work alone: 1 month
- Males and females work concurrently but at separate tasks: 2 1/2 months
- Joint work (males and females): 3 months
- Total work time in the fields per annum: 9 1/2 months
Austen with a four-day working week postulates a 17 week gardening period for the Trobrianders. His figures however omit weeding and thinning as well as raytu harvesting, which account for approximately another 23 weeks. If these are added to his work schedule a total approximating to the above estimate of 9½ months is reached. It is worth noting that with this type of work-year the Trobriand Islanders have sufficient food and time available for rest and leisure activities.

Malinowski’s description of horticultural ritual leads to an estimated total of 10½ days spent by men in the activities concerned, compared with 2½ in which women actively participate. Most of the magic is performed by the garden magician alone or with his acolytes.

To a certain extent the division of labour in gardening is dependent on the “heaviness” of tasks – i.e. the amount of energy and strength required in a short period. Patterns of labour in Oceania are frequently explained on the basis of this criterion. Trobriand men fell trees, clear the heavy growth and build the fences, whereas women are involved in the steady, more tedious but less physically exacting work of weeding. Such an apportionment could be attributed to bodily strength.

It would be incorrect, however, to approach the question of the division of labour in terms of a purely western pattern, i.e. the number of days or hours men as opposed to women spend in the gardens, or the amount of physical energy required for a task. A symbolic interpretation would seem more appropriate.

Allocation of different facets of garden work on the basis of sex are not accidental in the Trobriands, for the practical division of labour concurs with the cultural procreative metaphor of gardening already observed in the horticultural ceremonial. Cutting of the path into the plot as well as planting, performed by the men, have been associated in the symbolic analysis with preparing the way for conception and the insertion of the foetus. Weeding is women’s work, performed communally, which in the interpretation of horticultural symbolism was linked with female purity, gestation and maternal care of the foetus.

There is a time when a wife assists her husband during the predominantly male period of scrub-cutting and preparing the garden, but her activity is confined to clearing ground-refuse, which may symbolically
represent the cleansing of her body. Similarly the man assists the wife by erecting taytu supports and thinning tubers in the female period of weeding. Erecting taytu supports is "heavy" work and thus suited to the man, but the fact that the woman does not handle the growing tubers, even during thinning, is consistent with her symbolic position if the taytu represents the foetus within her.

Harvesting of the tubers is significantly accompanied by joint labour, it being the concern of both man and woman. As was previously proposed, their mutual involvement is akin to the solicitous care of mother and father at childbirth. The woman, for instance, does not dig the tuber out of the soil, which symbolizes her womb, but is mainly involved in caring for and cleaning it, as with her child.

Interrelation of symbolism and the Trobriand year

Malinowski indicates that the Trobriand system of time-reckoning reflects the essential interests and events that are meaningful to the people, cognizance being taken of meteorological, astronomical and cultural factors such as expeditions and feasts. The gardening cycle shapes the Trobriand year and lends it the name taytu. Botanical and environmental characteristics influence the Islanders' conception of time. Yams (Dioscorea) grow in regions where dry and wet seasons are clearly differentiated. The Trobriander recognizes ten lunar months which are divided into two parts: the unripe and ripe moons. Such a distinction acknowledges the two contrasting periods of taytu growth.

Cultural features are interwoven with natural phenomena: the bipartite division of the year coincides with periods of predominantly male, as opposed to female, work. As in the magic, so in the symbolism of work, males are for the most part assigned the initial unripe, dry five months, characterized by foetal dormancy. Females are apportioned the later ripening wet time of hyperactive vegetative growth. Both male and female are involved in harvesting. As has been shown, the division of the year and gardening cycle thus appear to replicate the two phases of the pregnancy ceremonial separated by a break during the fifth month.

The work schedule therefore harmonizes with the two phases of horticultural ceremonial and human pregnancy and indicates the contrasting, yet complementary, roles of the sexes. The first stage concedes some assistance from the male, the second concerns the attentive female, and the birth involves both sexes. It is therefore not primarily the actual
amount of time spent in gardening that is significant in establishing the position of woman in gardening, but metaphorically meaningful time, and the fact that both sexes are included.

Trobrid organization of labour reinforces the themes expressed in the horticultural ceremonial: the woman as worker is active in spheres related to the care of the garden, clearing refuse and weeding, for this represents her body. She is identified with the garden, nurturing the growing embryo, and so is active in the second phase of fieldwork. Finally, woman is revealed as a new mother in according the newly-harvested *layu* the same solicitude as her newly-born child.

Notes
1 9–10 above; Malinowski 1966 I figure 14 (438)
2 Malinowski 1966 I 61 n.3, 138–139; Malinowski 1927a 210
3 Cf. Malinowski 1966 I figure 3 (50–51), 61 n.4
4 Estimates are drawn from the following sources: Malinowski 1966 I figure 3 (50–51), 61 n.1–4, 92–93, 136, 149, 421–422, figure 14 (436–442), 460, 462–463 n.1; Malinowski 1921 5; Malinowski 1927a 211; Austen 1945 46–47
5 Time women spend preparing and cooking food is not considered relevant here. Cf. Hyndman 1973 85; Conklin 1957 151 (Yagaw Hanunoo, Philippines)
6 Cf. Pospisil 1963 163–164 (Kapauku Papuans, New Guinea)
7 Austen 1945 46–47
9 9–13 above
10 Malinowski 1966 I figure 14 (436–443)
11 E.g. Hogbin 1946 17; McCarthy 1943 76 (New Guinea); Wedgwood 1934 396 (Manam Island, Schouten Group); Hadfield 1920 68 (Loyalty Islands); Kroeber 1919 144 (Philippines)
12 9–10 above; Malinowski 1932 21–22; Malinowski 1966 I 102, 126
13 Cf. Firth 1959 209–211 (Maori, New Zealand)
14 18–19 above
15 38–40 above
16 50 above
17 11, 56 above
18 56–57 above
19 Malinowski 1927a 204, 210–212, 215
21 Coursey 1967 42; Coursey 1972 217
22 Malinowski 1927a 213–215; Austen 1939 239, cf. 244, 246; Leach 1950 249–250, cf. 247, 254–255; Malinowski 1966 I 52
23 47 above
24 47 above
25 Coursey 1972 217
26 52, cf. 47, 49 above
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