Preliminary Investigations on the Ethnomedicinal Plants of Akoko Division, South West Nigeria

Ige O. E.

Department of Plant Science and Biotechnology Adekunle Ajasin University, Akungba - Akoko, Nigeria E-mail: olugbengaige@yahoo.com

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Abstract

An account of sixty ethnomedicinal plant species belonging to thirty two families used extensively in different parts of Akoko division of Ondo State, South West Nigeria is highlighted. The parts of the plant species used in the treatment of various diseases ranged from leaves, stem, root, and bark to fruit only, or a combination of two or more parts from a single species or with those of other species. Their mode of application has also been discussed.

Keywords: Ethnomedicinal plants, Akoko, Nigeria

1. Introduction

During the past decade, traditional medicinal practices have become a topic of global relevance. In many developing nations, a significant number of indigenous populations rely on medicinal plants to meet their health care needs. According to Lewis and Elvin-Lewis (2003), botanically derived medicinals have played a major role in human societies throughout history and prehistory and people have used plants as medicine since the beginning of civilization, as they were believed to have healing powers (Connie and King 2003).

The use of plants in the tropical and subtropical regions is diversified and most of the uses are for medicine, source of food, clothing and shelter. But the medicinal uses of plants are rapidly declining among the present generation of local people as a consequence of modernization and civilization (Cox 2005). The younger generation is showing little interest in learning this valuable science of healing. Usage of medicinal plants to cure diseases has also been much influenced by religious practices (Trease and Evans 1989, Wambebe 1999).

All over the world, several ethnobotanical studies focusing on medicinal plants have been documented (Ekpendu *et al.* 1998, Balansard and Timon 2000, Singh and Singh 2001, Wang *et al.* 2002, Cox 2005, Kumar *et al.* 2005, Pei 2005). But in Nigeria, very little information about ethnobotanical studies has been documented (Gill 1992, Sofowora 1993, Igoli *et al* 1999). Therefore the need for proper documentation of traditional medicinal practices among the Akoko people in Nigeria where there has been a dearth of published information is immediately called for and this accounts for the rationale to undertake the present study.

2. Material and methods

2.1 Study area

Akoko region is situated between Longitudes 5.18^{0} and 5.52^{0} E and Latitudes 7.18^{0} and 7.47^{0} N. It is characterized by a mixture of a lowland rainforest and savannah vegetation with an annual rainfall ranging 800 - 1500mm and a mean annual temperature of 28^{0} C - 35^{0} C. It covers four local government areas and occupies the Northeastern side of the present Ondo State, Nigeria. It has an area of about 1360 kilometers (Akoko North Information Division, 1978). It is bounded in the north and northeast by Kabba in Kogi State, and to the west and North-west by Ekiti central and North respectively.

2.2 Methods

Plant collection and identification: A total of 180 questionnaires were administered and interviews were conducted with the old and local traditional healers in forty villages in all the four local government areas that comprise the study area. The author accompanied some of the respondents to the field to collect the plant materials. Throughout the interviews, the local names of the plants, the parts used, method of preparation of

crude drug from the plants, mode of application, dosage and duration of treatment (where specific) were recorded. Only species consistently used to treat the same illness by several healers/villages across the study area were selected. In cases where the plant species were not immediately identifiable with botanical names, they were brought to the Department of Plant Science and Biotechnology laboratory, Adekunle Ajasin University, Akungba- Akoko, where they were identified using relevant keys.

Herbarium voucher specimens were prepared following the standard techniques (Martin 1995, Lawrence 1967) and were thereafter deposited in the Herbarium of the Department of Plant Science and Biotechnology, Adekunle Ajasin University, Akungba- Akoko.

3. Results and discussion

Plant species belonging to sixty species and thirty-two families were identified as being used by most of the people of this area for the treatment of various common diseases. Table 1 showed the list of the species, botanical name, local name, uses and parts used. Some of these plants are cultivated by the people themselves while others grow in the wild.

Of the 32 different families which the people of this area consult for medicinals, the family Euphorbiaceae has the largest number of species (eight), followed by Asteraceae with (six) species while the families Caesalpiniaceae, Fabaceae, and Anacardiaceae recorded three species respectively.

This study has revealed that traditional medicinal practices have a wide acceptability among the Akoko people probably because they believe in its effectiveness and also due to their lack of access to modern health care delivery system. Also the unavailability and unaffordability of orthodox drugs may also have contributed largely to preference of traditional medicine over the orthodox drugs.

The medicinal uses are varied and the plant species parts that are used range from leaves, roots, stem, bark to fruits only, or a combination of two or more in a species or with those of other species.

For common diseases like cuts and wounds, Milicia excelsa, Chromolaena odorata, Aspilia africana, Manihot esculenta are used for fast healing of wounds. This may only indicate that these plants contain therapeutic compounds such as vitamins c and some amino acids which are responsible for the fast healing of wounds. Others like eye defects and ear infections are treated using Alchornea cordifolia and Bryophyllum pinnatum, Jatropha curcas respectively. Diseases such as coughs are cured using varieties of taxa such as Abrus precatorius, Ocimum gratissimum, Garcinia kola and Terminalia macroptera. Euphorbia hirta is used for the treatment of asthma while Cassia alata and Parquetina nigrescens are used as tonic (blood purifier). Cymbopogon citratus, Blighia sapida and Ocimum gratissimum are also effective in the relief of chest pains.

Some plants are believed to contain chemicals which possess anti-malarial properties such as *Chromolaena* odorata, Mangifera indica, Citrus aurantifolia Psidium guajava, Nauclea latifolia, Bridelia ferruginea, Cymbopogon citratus, Anacardium occidentale, Alstonia boonei and Azadirachta indica. These plants are not commonly used individually to cure malaria but two or more of the plants are combined together for the treatment of malaria. Khaya senegalensis is used to cure typhoid fever while Acanthospermum hispidus is used for yellow fever. Others such as Azadirachta indica and Bridelia ferruginea are combined together for the treatment of Jaundice.

Critical ailments such as epilepsy are cured using the leaves of *Bryophyllum pinnatum* and *Emilia sonchifolia* when made as concoction and administered orally to the patient while scrotum elephantiasis is cured with the leaves of *Newbouldia laevis* and tuberculosis with *Acanthospermum hispidus* leaves. The people of Akoko also use *Azadirachta indica* to cure small pox and chicken pox. Diabetes is cured using the root extract of *Urena lobata*. *Ficus capensis* and *Pupalia lappacea* are used for the treatment of Leprosy while *Cajanus cajan and Carica papaya* are used for hypertension and ulcer respectively. *Bridelia ferruginea* and *Anacardium occidentale* found to be effective in the treatment for coated tongue.

Skin infections like eczema, pimples, rashes are cured by rubbing the leaves of *Jatropha gossypifolia, Borreria* sp., *Hymenocardia acida* and *Allamanda cathartica* on the infected parts of the skin. *Acalypha hispida* is known to confer anti-bacterial and anti-fungal properties and therefore leaf decoction is administered to infants for skin rashes.

For sexually transmitted diseases, the people of this area relies on *Vernonia amygdalina* for vagina itch and *Azadirachta indica* for syphilis. Plants such as *Alchornea cordifolia* and *Carica papaya* are used for the treatment of gonorrhoea.

Stomach disorders are cured using varieties of plants viz: Vernonia amygdalina, Bidens pilosa, Terminalia

macroptera and Spondias mombin; Kwashiorkor and gastroenteritis are cured using Daniella oliveri while constipation and indigestion are treated using Parkia biglobosa and Ananas comosus. Momordica charantia, Nauclea latifolia and Vigna ungiculata are used as vermifuge. Diarrhoea and dysentery are treated with Ocimum gratissimum, Bidens pilosa and Allamanda cathartica.

Some plants are also used for preventive purposes, for example, seven very young twigs of *Annona senegalensis* and seven seeds of *Aframomum melegueta* are eaten to prevent snake bite. Also plants such as *Nicotiana tabacum* and *Datura metel* are planted around houses to prevent and repel the snakes. The indigenous people of Akoko region believe that some plants could confer longevity (increase their life span), for example, *Spondias mombin* is used to bath infants because its name "iyeye" means survival and *Garcinia kola* is used during naming ceremonies because its name "orogbo", means long life. *Bryophyllum pinnatum* may also be put on window frames as it is believed that since the plant does not die easily, whoever that keeps it will live long.

The people of this area use plants such as *Glyphaea brevis* and *Abrus precatorius* to induce labour, while *Alchornea cordifolia* and *Heliotropium indicum* are used for foetal development and arrest abortion or for miscarriage respectively.

4. Conclusions and recommendation

This study has revealed that ethno-medicinal practices are well accepted by the people of this area. Information made available by the respondents revealed that the uses of these plants are almost unaltered as it was used in the past and may likely continue to remain in the future if properly documented and the plants are conserved. It is suggested that an enduring and sustainable conservation efforts be put in place by the community and government to safeguard these important medicinal plants.

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Table 1. List of the ethno-medicinal plant species

Botanical name (Family), Local Name and Voucher number administration administratio	Table 1. List of the ethilo-medicinal plant species		
Acturus precatorius L. (Fabaceae) 'Oju-ologbo' PSHS Powdered leaves, root extract, seed infusion Acalypha hispida Burm (Euphorbiaceae) 'Jiwene' Leaves, stem soaked and boiled in water Acanthospermum hispidum DC. (Asteraceae) 'Dagumro' PSHS 180 Aframemum melegueta K. Schum. (Zingiberaceae) 'Ataare' PSHS 203 Afromea contificita (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Tpui' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa Leaves, root boiled in water Assonia boonei De wild (Apocynaceae) 'Ahan' Bark soaked in water or palmwine Amaranthus spinosus L. (Amaranthaceae) 'Tete-elegun' PSHS 188 Anacandium occidentale L. (Anarcadiaceae) 'Kasu' Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinho' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Azdinacha indica A. Juss. (Meliaceae) 'Yonyun' PSHS 218 Azdinacha indica A. Juss. (Meliaceae) 'Yonyun' PSHS 266 Baylia nitiala Lodd. (Fabaceae) 'Tosun' Bidens pilosa L. (Asteraceae) 'Tisin' PSHS Bark, fruit crushed flowers, leaves and car complaints, skin disseased and bootle in water or palmwine Leaves, bark, fruit concoction Leaves, bark, fruit concoction Malaria, coated tongue / oral through th	Botanical name (Family), Local Name and Voucher	Plant part(s) used/mode of	Disease(s) / ailment(s)
extract, seed infusion abortifacient, rheumatism Acadybah hispida Burm (Euphorbiaceae) 'Jiwene' PSHS 101 Acanthospermum hispidum DC. (Asteraceae) Leaf juice added to palmwine and little potash and little potash Aframomum melegueta K. Schum. (Zingiberaceae) Fruit, leaves. Leaf decoction 'Atlaner' PSHS 203 Alchornea contifiolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' Bark soaked in water or palmwine Amaranthus spinosus L. (Amaranthaceae) Leaves, root boiled in water or palmwine Amaranthus spinosus L. (Amaranthaceae) 'Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Ksau' Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Anamas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinho' PSHS 123 Ammona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grinded Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste Baphia nitida Lodd. (Fabaceae) 'Iosun' Leaves, bark, seeds. Baphia nitida Lodd. (Fabaceae) 'Tosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Tosun' Leaves, stem chewing Robbers identification Bilghia sapida Koenig. (Sapindaceae) 'Ijsin' PSHS of Leaves, stem chewing PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Igi ira' Bark, fruit extract Casadpiriah pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, PSHS 171 Caesadpiriah pulcherrima (L) Sw. (Caesalpiniaceae) 'Leaves & bark decoction, Seeds Hypertension Eaves & bark decoction, Purgative, tonic in nervous silments Hypertension Hypertension	number	administration	
Acadypha hispida Burm (Euphorbiaceae) 'Jiwene' PSHS 101 Acanthospermum hispidum DC. (Asteraceae) 'Dagunro' PSHS 180 Aframonum melegueta K. Schum. (Zingiberaceae) 'Fruit, leaves. Leaf decoction 'Small pox, chicken pox, catarrh 'Ataare' PSHS 203 Alchornea condifolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) 'Laves, bark, fruit concoction will little salt Leaves, bark, fruit concoction thrush Annanas comosus (L.) Merr. (Bromeliaceae) 'Qpe-oyinbo' PSHS 123 Amona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Antidote to snake poison 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Dongoyaro' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Tosun' Leaves, bark, fruit extract Bilghia sapida Koenig. (Sapindaceae) 'Isin' PSHS 224 Bridelia ferruginea Benth. (Euphorbiaceae) 'Isin' PSHS 224 Bridelia ferruginea Benth. (Euphorbiaceae) 'Eleti' PshS 107 Cajamus cajan (L.) Millsp. (Fabaceac) 'Sese' PSHS Leaves decoction, seeds Hypertension	Abrus precatorius L. (Fabaceae) 'Oju-ologbo' PSHS	Powdered leaves, root	Cough, convulsion, labour inducer,
PSHS 101 boiled in water Acanthospermum hispidum DC. (Asteraceae) Aframomum melegueta K. Schum. (Zingiberaceae) Fruit. leaves. Leaf decoction Alchormea condifolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Amnona senegalensis Pers. (Annonaceae) 'Abo' PSHS Azilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 123 Amnona senegalensis Pers. (Annonaceae) 'Abo' PSHS Azadirachta indica A. Juss. (Meliaceae) 'Yunyun' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Hosun' Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bilgibia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain Diarrhoca, cye and car complaints, abdominal disorders, rheumatism Bilgibia sapida Koenig. (Sapindaceae) 'Igi ira' Bryophyllum piunatum Lam. (Crassulaceae) 'Eleti' PSHS 110 Cagamus cajan (L.) Milsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	280	extract, seed infusion	abortifacient, rheumatism
Acounthospermum hispidum DC. (Asteraceae) 'Dagunro' PSHS 180 Aframonum melegueta K. Schum. (Zingiberaceae) 'Ataare' PSHS 203 Alchormea cordifolia (Schym. & Thome) Muell. Arg. (Eaphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) 'Leaves, root boiled in water or palmwine Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Azadirachta indica A. Juss. (Meliaceae) 'Yonyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Irosun' Bidens pilosa L. (Asteraceae) 'Irosun' Bidens pilosa L. (Asteraceae) 'Irosun' Bidens pilosa L. (Asteraceae) 'Isin' PSHS Bark extract with water or obodomial filosulation. Bilghia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark extract with water or Ocasea poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 204 Bryophyllum pinnatum Lam. (Crassulaceae) 'Sese' PSHS Leaves deoction, seeds edoction with little occidentale L. (Aberaceae) 'Isin' pshs seeds grind to powdery form ailments	Acalypha hispida Burm (Euphorbiaceae) 'Jiwene'	Leaves, stem soaked and	Skin rashes
'Dagunro' PSHS 180 Aframomum melegueta K. Schum. (Zingiberaceae) 'Atlaure' PSHS 203 Alchornea cordifolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cauthartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) 'Tete-elegun' PSHS 183 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Azadirachta indica A. Juss. (Meliaceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Abere oloko' PSHS Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bidens pilosa L. (Asteraceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Eleti' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eset' PSHS Leaves & bark decoction, seeds Bark scriact with water or local gin Bark extract with water or local gin Bark extract with water or local gin Bark extract with water or local gin Chest pain Chest pain Equivalent in mervous ailments. In ervous ailments. In ervous ailments.	PSHS 101	boiled in water	
Aframonum melegueta K. Schum. (Zingiberaceae) 'Ataare' PSHS 203 Alchornea cordifolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) 'Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bidens pilosa L. (Asteraceae) 'Shore oloko' PSHS Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) 'Sese' PSHS Leaves & bark decoction, seeds Hypertension Fruit, leaves. Leaf decoction Eye defect, gonorrhoea, foetal development Eye defect, gonorrhoea, foetal development Dysentery, pimples, insect bites. Bark soaked in water or palmwine Abdominal pain, snake bite, piles, snuffs Malaria, coated tongue / oral thrush Abdominal pain, snake bite, piles, snuffs Malaria, coated tongue / oral thrush Antidote to snake poison Stops bleeding Stops bleeding Stops bleeding Leaves, bark, seeds. Malaria, syphilis, jaundice, liver complaint, skin diseases Decoction Bridens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bride (Tushed flowers, leaves) Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bushe saria da extract with water or local gin Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaves & bark decoction, seeds Bride Structure, tonic in nervous ailments Leaves & bark decoction, seeds Hypertension	Acanthospermum hispidum DC. (Asteraceae)	Leaf juice added to palmwine	Yellow fever, tuberculosis
'Attaare' PSHS 203 Alchornea cordifolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' Bark soaked in water or palmwine Amaranthus spinosus L. (Amaranthaceae) Leaves decoction with little salt smuffs Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Unripe fruit eaten Constipation Ope-oyinbo' PSHS 128 Amona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Baphia nitida Lodd. (Fabaceae) 'Irosun' Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bidins sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or local gin Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaves & bark decoction. Seeds grind to powdery form ailments Leaves & bark decoction. Evy defect, gonorrhoea, foetal development Dysentery, pimples, insect bites. Byentery, pimples, insect bites. Devented in water or palmwine Abdominal pain, snake bite, piles, snuffs Abdominal pain, snake bite, piles, snuffs Abdominal pain, snake bite, piles, snuffs Andaranihus spinosus (Canata tongue / oral thrush Duripe fruit eaten Constipation Constipation Constipation Constipation Constipation Constipation Dysentery, pimples, insect bites Alcaves, postocal in water or palmwine Abdominal pain, snake bite, piles, snuffs Ab	'Dagunro' PSHS 180	and little potash	
Alchornea cordifolia (Schym. & Thorne) Muell. Arg. (Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) Leaves decoction with little salt source palmwine Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Amona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 256 Baphia nitida Lodd. (Fabaceae) 'Ioosun' Bidens pilosa L. (Asteraceae) 'Abore oloko' PSHS Bighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Casalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension Dysentery, pimples, insect bites. Dysentery, pimples, insect bites. Dysentery, pimples, insect bites. Dysentery, pimples, insect bites. Dever palmwine Leaves, backed in water or Fever palmwine Leaves bark, fruit concoction Malaria, coated tongue / oral thrush Antidote to snake poison Antidote to snake poison Leaves, bark, seeds. Malaria, syphilis, jaundice, liver complaint, skin diseases Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bark, fruit extract Chest pain Coated tongue, jaundice, arrow poison, fever Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' bark extract with water or local gin Egiepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) Ecaves & bark decoction, seeds Hypertension	Aframomum melegueta K. Schum. (Zingiberaceae)	Fruit, leaves. Leaf decoction	Small pox, chicken pox, catarrh
(Euphorbiaceae) 'Ipa' PSHS 234 Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) Leaves decoction with little salt snuffs Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Ananas comosus (L.) Merr. (Bromeliaceae) Unripe fruit eaten Constipation 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Ioosun' Leaves, bark, seeds. Malaria, syphilis, jaundice, liver complaint, skin diseases Baphia nitida Lodd. (Fabaceae) 'Abore oloko' PSHS 167 Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) 'Sese' PSHS 102 Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS 102 Leaves decoction, seeds Hypertension development Dysentery, pimples, insect bites. Deseated in water or playentery, pimples, insect bites. Deseated in water or playentery, pimples, insect bites. Deseated in water or playentery, pimples, insect bites. Deseated in water or playentery, pimples, insect bites. Deseated in water or playentery pimples, insect bites. Deseated in water or playentery, pimples, insect bites. Deseated in water or playentery pimples, insect bites. Deseated in water or playentery pimples, insect bites. Deseated in water or playentery poison, fever Deseated in water or playentery pimples, insect bites. Deseated in water or playentery pimples, i	'Ataare' PSHS 203		
Allamanda cathartica L. (Apocynaceae) 'Fulewa aseje' PSHS 208 Alstonia boonei De wild (Apocynaceae) 'Ahun' Bark soaked in water or palmwine Amaranthus spinosus L. (Amaranthaceae) 'Leaves decoction with little salt snuffs Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Unripe fruit eaten Constipation 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Antidote to snake poison 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Decoction Decoction Dialant initial Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Isin' PSHS ark, fruit extract Chest pain Bighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) Leaves & bark decoction, seeds Hypertension	Alchornea cordifolia (Schym. & Thorne) Muell. Arg.	Dried leaves grinded	Eye defect, gonorrhoea, foetal
Assonic booner De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) 'Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 218 Azadirachta indica (Fabaceae) 'Abore Oloko' PSHS Baphia nitida Lodd. (Fabaceae) 'Abore oloko' PSHS Bighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain Bighia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) 'Eaves 'PSHS (Eaves decoction, seeds Hypertension) Bidens cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves & bark decoction, seeds Hypertension	(Euphorbiaceae) 'Ipa' PSHS 234		development
Alstonia boonei De wild (Apocynaceae) 'Ahun' PSHS 122 Amaranthus spinosus L. (Amaranthaceae) Leaves decoction with little salt sounds salt sounds salt sounds shark, fruit concoction salt thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Abere oloko' PSHS Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bilghia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bilghia sapida Koenig. (Sapindaceae) 'Igi ira' Bilghia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension Fever Fever Fever Abdominal pain, snake bite, piles, snuffs Abdominal pain, snake bite, piles, salt	Allamanda cathartica L. (Apocynaceae) 'Fulewa	Leaves, root boiled in water	Dysentery, pimples, insect bites.
PSHS 122 Amaranthus spinosus L. (Amaranthaceae) Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Abere oloko' PSHS 167 Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bighia sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) 'Eko omode' PSHS 107 Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction with little Abdominal pain, snake bite, piles, sault salt sunfils Addominal pain, snake bite, piles, salt sunfils Malaria, coated tongue / oral thrush Annona senegalensis Pers. (Annonaceae) 'Yonyun' Presh leaves grind as paste Stops bleeding Stops bleeding Nalaria, syphilis, jaundice, liver complaint, skin diseases Malaria, syphilis, jaundice, liver complaint, skin diseases Decoction Robbers identification Diarrhoea, eye and ear complaints, abdominal disorders, rheumatism Chest pain Coated tongue, jaundice, arrow poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Bark extract with water or local gin Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L.) Sw. (Caesalpiniaceae) Eke omode' PSHS 107 Leaves & bark decoction, seeds grind to powdery form ailments Leaves decoction, seeds Hypertension	aseje' PSHS 208		
Amaranthus spinosus L. (Amaranthaceae) 'Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Abere oloko' PSHS 167 Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS 168 Bifshia sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) 'Eleti' PSHS 107 Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Leaves, bark, fruit concoction thrush Intrush Andiaria, coated tongue / oral thrush Malaria, coated tongue / oral thrush Antidote to snake poison Antidote to snake poison Leaves, bark seeds. Botops bleeding Stops bleeding Antidote to snake poison Antidote to snake poison Leaves, bark seeds. Malaria, syphilis, jaundice, liver complaint, skin diseases Bobers identification Diarrhoea, eye and ear complaints, abdominal disorders, rheumatism Epilepsy, ear ailments, longevity PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS	Alstonia boonei De wild (Apocynaceae) 'Ahun'	Bark soaked in water or	Fever
Tete-elegun' PSHS 188 Anacardium occidentale L. (Anarcadiaceae) 'Kasu' Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Irosun' Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS 167 Bilghia sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) 'Eseo' PSHS Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves, dark, fruit concoction Malaria, coated tongue / oral thrush Malaria, coated tongue / oral thrush Antidote to snake poison Antidote to snake poison Leaves, bark, grinded Antidote to snake poison Antidote to snake poison Leaves, bark, seeds. Malaria, syphilis, jaundice, liver complaint, skin diseases Decoction Poecoction Robbers identification Diarrhoea, eye and ear complaints, abdominal disorders, rheumatism Coated tongue, jaundice, arrow poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) 'Eleti' PSHS 107 Leaves & bark decoction, Purgative, tonic in nervous ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS	PSHS 122	palmwine	
Ananas comosus (L.) Merr. (Bromeliaceae) Ananas comosus (L.) Merr. (Bromeliaceae) Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Abere oloko' PSHS 167 Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Bilghia sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 264 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves, bark, seeds. Malaria, syphilis, jaundice, liver complaint, skin diseases Decoction Robbers identification Diarrhoea, eye and ear complaints, abdominal disorders, rheumatism Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves, bark, fruit concoction Malaria, coated tongue / oral thrush Antidote to snake poison	Amaranthus spinosus L. (Amaranthaceae)	Leaves decoction with little	Abdominal pain, snake bite, piles,
thrush Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Antidote to snake poison 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS 167 Bilghia sapida Koenig. (Sapindaceae) 'Isin' PSHS 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) 'Eseo mode' PSHS 107 Caiganus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	'Tete-elegun' PSHS 188	salt	snuffs
Ananas comosus (L.) Merr. (Bromeliaceae) 'Ope-oyinbo' PSHS 123 Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Irosun' Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Bighia sapida Koenig. (Sapindaceae) 'Igi ira' PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Constipation Constipation Antidote to snake poison Eaves, bark, seeds. Deaves, bark, seeds. Diarrhoea, eye and ear complaints, abdominal disorders, rheumatism Bighia sapida Koenig. (Sapindaceae) 'Igi ira' abdominal disorders, rheumatism Coated tongue, jaundice, arrow poison, fever Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Eeaves & bark decoction, Purgative, tonic in nervous seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Anacardium occidentale L. (Anarcadiaceae) 'Kasu'	Leaves, bark, fruit concoction	Malaria, coated tongue / oral
Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Antidote to snake poison Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Antidote to snake poison Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste Stops bleeding PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Decoction complaint, skin diseases Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS decoction abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or PSHS 264 local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous seeds grind to powdery form Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension			thrush
Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS Young twig, bark grinded Antidote to snake poison 144 Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste Stops bleeding PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Decoction complaint, skin diseases Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS decoction abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Ananas comosus (L.) Merr. (Bromeliaceae)	Unripe fruit eaten	Constipation
Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Fresh leaves grind as paste PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Dried crushed flowers, leaves decoction abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	'Ope-oyinbo' PSHS 123		
Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun' Presh leaves grind as paste Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Decoction Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS decoction Bilighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or local gin Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) 'Eko omode' PSHS 107 Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension Malaria, syphilis, jaundice, liver complaints, seeds. Decoction Brake, seeds. Deaves, bark, seeds. Deaves, bark, seeds. Decoction Bollaria, syphilis, jaundice, liver complaints, seeds liver complaint, skin diseases Baphia nitida Lodd. (Fabaceae) 'Isin' PSHS Dried crushed flowers, leaves decoction, Pourgative, tonic in nervous ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Annona senegalensis Pers. (Annonaceae) 'Abo' PSHS	Young twig, bark grinded	Antidote to snake poison
PSHS 218 Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Malaria, syphilis, jaundice, liver PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Dried crushed flowers, leaves decoction abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	144		
Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro' Leaves, bark, seeds. Malaria, syphilis, jaundice, liver PSHS 266 Decoction complaint, skin diseases Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Dried crushed flowers, leaves decoction abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Aspilia africana (Pers.) C.D. (Asteraceae) 'Yunyun'	Fresh leaves grind as paste	Stops bleeding
PSHS 266 Baphia nitida Lodd. (Fabaceae) 'Irosun' Leaves, stem chewing Robbers identification Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Dried crushed flowers, leaves decoction Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain Chest pain Coated tongue, jaundice, arrow poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, seeds Pypertension Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	PSHS 218		
Baphia nitida Lodd. (Fabaceae) 'Irosun'Leaves, stem chewingRobbers identificationBidens pilosa L. (Asteraceae) 'Abere oloko' PSHS 167Dried crushed flowers, leaves decoctionDiarrhoea, eye and ear complaints, abdominal disorders, rheumatismBlighia sapida Koenig. (Sapindaceae) 'Isin' PSHSBark, fruit extractChest pain222Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' PSHS 264Bark extract with water or local ginCoated tongue, jaundice, arrow poison, feverBryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' PSHS 171Leaf extracts, whole plantEpilepsy, ear ailments, longevityCaesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) 'Eko omode' PSHS 107Leaves & bark decoction, seeds grind to powdery formPurgative, tonic in nervous ailmentsCajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHSLeaves decoction, seedsHypertension	Azadirachta indica A. Juss. (Meliaceae) 'Dongoyaro'	Leaves, bark, seeds.	Malaria, syphilis, jaundice, liver
Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS Dried crushed flowers, leaves Diarrhoea, eye and ear complaints, abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or Coated tongue, jaundice, arrow PSHS 264 local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous 'Eko omode' PSHS 107 seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	PSHS 266	Decoction	complaint, skin diseases
decoction abdominal disorders, rheumatism Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or PSHS 264 local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous 'Eko omode' PSHS 107 seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Baphia nitida Lodd. (Fabaceae) 'Irosun'	Leaves, stem chewing	Robbers identification
Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS Bark, fruit extract Chest pain 222 Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or PSHS 264 Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Bidens pilosa L. (Asteraceae) 'Abere oloko' PSHS	Dried crushed flowers, leaves	Diarrhoea, eye and ear complaints,
Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or Coated tongue, jaundice, arrow PSHS 264 local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous 'Eko omode' PSHS 107 seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	167	decoction	abdominal disorders, rheumatism
Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira' Bark extract with water or PSHS 264 local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Blighia sapida Koenig. (Sapindaceae) 'Isin' PSHS	Bark, fruit extract	Chest pain
PSHS 264 local gin poison, fever Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous 'Eko omode' PSHS 107 seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	222		
Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti' Leaf extracts, whole plant Epilepsy, ear ailments, longevity PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous 'Eko omode' PSHS 107 seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Bridelia ferruginea Benth. (Euphorbiaceae) 'Igi ira'	Bark extract with water or	Coated tongue, jaundice, arrow
PSHS 171 Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae) Leaves & bark decoction, Purgative, tonic in nervous 'Eko omode' PSHS 107 seeds grind to powdery form ailments Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	PSHS 264	local gin	poison, fever
Caesalpinia pulcherrima(L) Sw. (Caesalpiniaceae)Leaves & bark decoction,Purgative, tonic in nervous'Eko omode' PSHS 107seeds grind to powdery form ailmentsCajanus cajan(L.) Millsp. (Fabaceae) 'Sese' PSHSLeaves decoction, seedsHypertension	Bryophyllum pinnatum Lam. (Crassulaceae) 'Eleti'	Leaf extracts, whole plant	Epilepsy, ear ailments, longevity
'Eko omode' PSHS 107 seeds grind to powdery form ailments **Cajanus cajan** (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	PSHS 171		
Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS Leaves decoction, seeds Hypertension	Caesalpinia pulcherrima (L) Sw. (Caesalpiniaceae)	Leaves & bark decoction,	Purgative, tonic in nervous
	'Eko omode' PSHS 107	seeds grind to powdery form	ailments
110	Cajanus cajan (L.) Millsp. (Fabaceae) 'Sese' PSHS	Leaves decoction, seeds	Hypertension
	110		

Botanical name (Family), Local Name and Voucher	Plant part(s) used/mode of	Disease(s) / ailment(s)
number	administration	Discuse(s) / uninent(s)
Carica papaya L. (Caricaceae) 'Ibepe' PSHS 153	Fruits, leaves, root decoction	Ulcer, gonorrhoea, abortifacient
Cassia alata L. (Caesalpinaceae) 'Asunwon' PSHS	Leaves dried and grind to	Eczema, blood purifier, worm
233	powdery form	expeller
Chromolaena odorata L. (Asteraceae) 'Akintola'	Leaves boiled in water & leaf	Fever, to check bleeding
PSHS 100	extract	
Citrus aurantifolia (Christm) Swinale. (Rutaceae)	Leaves, bark boiled in water	Malaria, nasal decongestion,
'Osan wewe' PSHS 152		refrigerant
Cola acuminata (P. Beauv). Schott & Endl.	Bark, fruit extract, fruit eaten	Retentive memory, wound healing,
(Sterculiaceae) 'Obi abata' PSHS 225		stimulant
Cymbopogon citratus(DC))Stapf. (Poaceae) 'Waapa'	Leaves, stem boiled in water	Cough, fever, chest pain,
PSHS 199		refrigerant
Daniella oliveri (Rolfe) Hatch & Dalz	Young leaves fermented for 3	Kwashiorkor, gastroenteritis
(Caesalpinaceae) 'Iya' PSHS 231	days for extract	
Datura metel L. (Solanaceae) 'Gegemu'PSHS 289	Matured fruit macerated and	Snake and termite repellant,
	soaked in water	insomnia, stimulant
Emilia sonchifofia (L.)DC. (Asteraceae) 'Odundun	Leaves extract with local gin	Epilepsy, ear & eye ailments,
odo'		headache
Erythrophleum suaveolens (Guill. & Perr.) Brenan.	Bark soaked in water	Poison
(Fabaceae) 'Obo' PSHS 139		
Euphorbia hirta L. (Euphorbiaceae) 'Bije'PSHS 104	Flower & fruit extract	Asthma, respiratory tract inflammations, arrow poison
Ficus capensis Thumb. (Moraceae) 'Opoto' PSHS	Leaves, root extract	Leprosy
272		
Garcinia kola Heckel. (Clusiaceae) 'Orogbo' PSHS 288	Root, mature fruit eaten	Cough, longevity
Glyphaea brevis (Spreng.) Monachino (Tiliaceae)	Leaves extract	Labour inducer
'Atori' PSHS 144		
Gossypium hirsutum L. (Malvaceae) 'Owu'PSHS 103	Fruit (cotton)	Clean ear, cover wound
Heliotropium indicum L. (Boraginaceae) 'Apari igun'	Leaves made into paste	Suppuration, arrest abortion
PSHS 140		(miscarriage),cure for
		unconsciousness
Hymenocardia acida Tul. (Euphorbiaceae) 'Kelukeju'	Leaves, bark decoction	Skin diseases, spice
PSHS 201		
Hyptis suaveolens Poit. (Lamiaceae) 'Jogbo	Fresh leaves squeezed to	Mosquito repellant, headache
Arunfofo' PSHS 198	obtain liquid	
Jatropha curcas L. (Euphorbiaceae) 'Lapalapa dudu'	Leaves, stem juice	Eardrop, wrapper
PSHS 273		
Gossypifolia L. (Euphorbiaceae) 'Lapalapa pupa' PSHS 116	Leaves decoction	Skin infections
	1	
Khaya senegalensis (Desu) A. Juss. (Meliaceae)	Bark, stem bottled with dry	Typhoid fever, dysentery

Botanical name (Family), Local Name and Voucher	Plant part(s) used/mode of	Disassa(s) / silmant(s)
number	administration	Disease(s) / ailment(s)
'Oganwo' PSHS 211	gin	
Mangifera indica L. (Anacardiaceae) 'Mangoro'		Malaria treatment
PSHS 205	Leaves, bark, fruit extract	Maiaria treatment
Manihot esculenta Grantz. (Euphorbiaceae) 'Ege'	Leaves juice	Stops bleeding
PSHS 165		*** 11 11 11
Milicia excelsa (weths) Bth. (Moraceae) 'Iroko' PSHS	Latex, dried stem wood burnt	Wound healing, piles
135	into charcoal	
Momordica charantia L. (Cucurbitaceae) 'Ejinrin	Leaves, root, seed soaked in	Abortifacient, vermifuge, bullet
wewe' PSHS 114	water	resistance
Nauclea latifolia Sm. (Rubiaceae) 'Egbesi' PSHS 116	Leaves, root decoction	Malaria, vermifuge
Newbouldia laevis (P. Beauv.) Seaman ex Bureau.	Leaves, stem, bark. Boil in	Scrotum elephantiasis
(Bignoniaceae) 'Akoko'	water or extract using local	
PSHS 228	gin	
Nicotiana tabacum L. (Solanaceae) 'Taba'	Whole plant, leaves dried	Snake repellant, stimulant
PSHS 287	•	•
Ocimum gratissimum L. (Lamiaceae) 'Efinrin' PSHS	Leaves, stem soaked in water	Diarrhea, cough, chest pain,
120		bronchitis, spice
Parkia biglobosa (Jacq)Benth. (Mimosaceae) 'Iru'	Fruit, bark macerated	Constipation, spice
PSHS 206		
Parquentina nigrescens (Atzel) Bullock.	Leaves extract with little salt	Blood purifier (tonic), stops
(Papilionaceae) 'Ogbo' PSHS 283		excessive menstrual flow
Psidium guajava L. (Mytaceae) 'Girafa'	Leaves, bark boil in water	Fever, diarrhea, gastro-enteritis
PSHS 224		
Pupalia lappacea (L.) Juss. (Amarathaceae)	Leaves, root extract	Leprosy
'Ema-agbo' PSHS 102		
Spondias mombin L. (Anacardiaceae) 'Iyeye, ekikan'	Bark soaked in local gin	Stomach ache, longevity
PSHS 294		
Talinum triangulare (Jacq.) Willd. (Portulaceae)	Leaves concoction	Purgative
'Gbure' PSHS 236		-
Terminalia macroptera Guill. &Pers. (Combretaceae)	Young leaves for concoction	Cough, stomach pain
'Udi' PSHS 253		
Urena lobata L. (Malvaceae) 'Ilasa-omode' PSHS	Root extract	Diabetes, expectorant
251		, and the second
Vernonia amygdalina Del. (Asteraceae) 'Ewuro'	Leaves, stem grinded/crushed	Stomachache, vagina itching,
PSHS 149		laxative, appetizer
Vigna unguiculata (L) Walp. (Fabaceae) 'Eree' PSHS	Fruit (seed) boiled	Vermifuge
162	, , , , , , , , , , , , , , , , , , , ,	
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