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FINAL QUALIFICATION WORK:
COMPARATIVE ANALYSIS OF MEDICINAL PLANTS AND
MEDICINES OF PLANT ORIGIN IN NIGERIA AND UKRAINE

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ABBREVIATIONS:

TM-Traditional medicine

WHO- World Health Organization

NAFDAC- National Agency For and Drug Administration and Control

WAHP- West African Herbal Pharmacopoeia

AP- African Pharmacopoeia

SPhU- State Pharmacopoeia of Ukraine

TLC – Thin layer chromatography

MPM – Medicinal plant material

GIT- Gastrointestinal tract

INTRODUCTION

Medicinal plants and plant-derived medicines are deeply rooted into cultural and traditional practices of the world. Each medicinal plant across different countries and continents, serve so many purposes.

Throughout ages, mankind has been dependent on nature, medicinal plants for their survival. Medicinal plants on the other hand, can be defined as, plants that have one or more organs containing substances that can be used for therapeutic purposes or which are precursors for the synthesis of useful/modern drugs [5].

Nigeria, as a country in West Africa, boasts of its rich endowment with natural resources and huge medicinal plant flora. Ukraine on the other hand, is rich in medicinal plants, such as, valerian, rosehip, tricolour violet, sage, datura, dandelion, oregano, periwinkle, common calamus, etc, and the flora of Ukraine is characterized by great diversity [1].

This study aims to conduct a comprehensive analysis of the medicinal plants indigenous to Nigeria, diving into its utilization, in both modern medicine and food supplements.

Furthermore, this work explores and analyses the pharmacopoeia monograph of West Africa, Africa and Ukraine, highlighting their similarities, differences and uniqueness. Delving into future collaborations between both countries, leading to potential development of innovative drugs that capitalise on the medicinal plants available in both Nigeria and Ukraine.

❖ *Aim of our work* is the comparative analysis of pharmacopoeia medicinal plants and their medicines, supplements in Nigeria and Ukraine.

To achieve the aim of the work we have set the following *task*:

- ✓ To analyse the pharmacopoeia monographs of West Africa, Africa and Ukraine and the structure of their monographs;
- ✓ To catalogue and analyse the pharmacopoeia medicinal plant that belongs to the Nigeria flora and Ukraine flora;

- ✓ To analyse the pharmaceutical market of medicines from pharmacopoeia MPM in Nigeria and Ukraine;
- ✓ To analyse the market of supplements on the bases of pharmacopoeia medicinal plant in Nigeria and Ukraine.

Object of study: Pharmaceutical market of medicine and supplement in Nigeria and Ukraine.

Subject of study: Comparative analysis of the market condition in Nigeria and Ukraine for medicine and supplement for pharmacopoeia MPM.

Actuality and Novelty: This pharmaceutical market of medicine and supplement in Nigeria and Ukraine were analysed. This work sheds light on the uniqueness of the Nigerian pharmaceutical market, local producers, abundance of herbal supplements, and native flora.

Personal contribution: This research was done by me during year 2023/2024. No experiment was conducted, but an analytical study of different materials of the pharmaceutical market, the monographs, pharmacopoeias.

Approbation: An article was submitted for publication to the journal category B - Ukrainian scientific medical youth journal.

Publication: Ukrainian scientific medical youth journal (submitted article).

Structure: This work consists of Table of Content, abbreviation, introduction, three chapters, conclusion, reference and two appendixes. The total number of pages without appendix is forty pages. This work is illustrated with nine figures and three tables. References in this work consist from twenty-one sources.

CHAPTER 1. COMPARATIVE ANALYSIS OF STRUCTURE OF WEST AFRICAN HERBAL PHARMACOPOEIA, AFRICAN PHARMACOPOEIA AND STATE PHARMACOPOEIA OF UKRAINE

1.1. Analysis of African and Ukrainian Pharmacopoeias.

Nigeria, a country in West Africa, launched and published the first edition of her herbal pharmacopoeia in the year 2008, as the Nigerian Herbal Pharmacopoeia (NHP). This document contained forty-two (42) commonly used medicinal plants, it is currently been reviewed to make it more inclusive and valuable [11].

Nevertheless, the availability of the WAHP and AP has documented commonly used medicinal plants in Nigeria. This leading to the analysis of these pharmacopoeia.

The West African Health organization (WAHO) launched two pharmacopoeias - West African herbal pharmacopoeia. Volume 1 of the WAHP was published in 2013.

The first volume of this herbal pharmacopoeia included medicinal plants that are commonly used in west Africa and focused on priority diseases like malaria, diabetes hypertension, etc. [13]. While the second volume was published in 2020 and this primarily consisted of medicinal plants with antiviral potential [14]

African Pharmacopoeia also has two editions. The first edition of the AP was produced and published in 1985 but the need for a second edition grew due to its time span. The second edition having one volume was revised and upgraded for efficacy and sustainability [2]

Ukraine is the first country between the countries of former soviet union, which had worked out the national pharmacopoeia - The State Pharmacopoeia of Ukraine (SPhU) [12].

Its first edition was installed on the 1st of October 2001. And 4 additions were developed and published to the first edition in Ukrainian. Ukraine became a permanent member of the European Pharmacopoeia in March 2013 and the Second edition of the SPhU was put into effect from 2016.

In the second edition of the SPhU, it is important to notice the presence of significant national parts and monographs on medicinal plant raw materials and herbal products that all reflect their specific use in Ukraine.

1.2. Structure of monograph

The structure of the SPhU monograph is unique (State Pharmacopoeia of Ukraine vol.3, add.1-5) [15-20]. It is a bit similar to the WAHP and AP, but with relevant differences.

The SPhU contains the name of the medicinal plant (Ukrainian, Latin and English), description of the plant, content (a brief explanation of the biological active substances recognised in the plant), identification (A- Macroscopic analysis, B- Microscopic analysis, C- Thin layer chromatography), Test (Adulterant, weight on loss of drying, total ash, etc), and quantitative determination. (Fig 1.1)

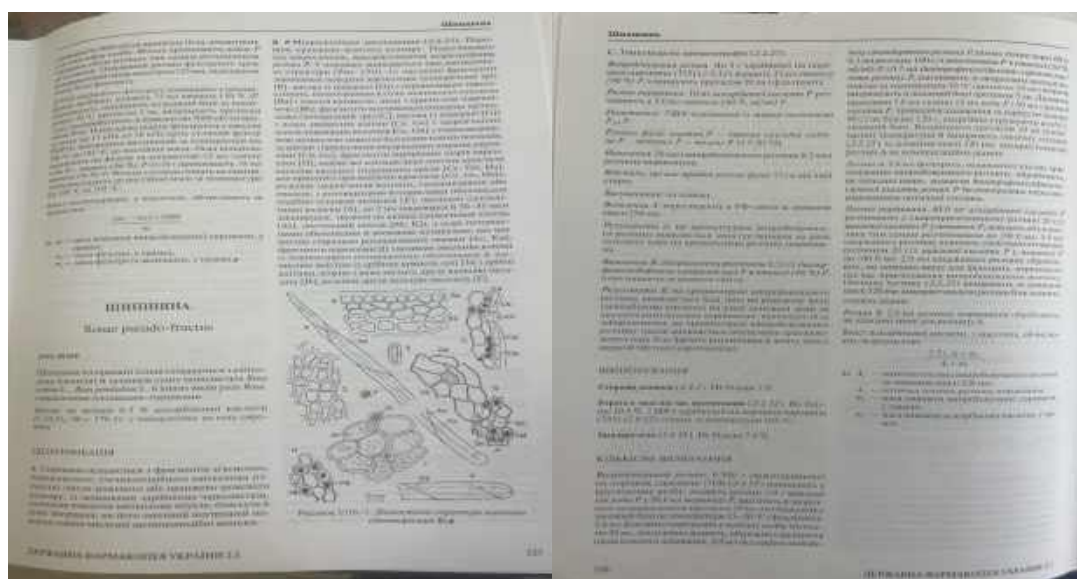


Fig. 1.1. Structure of SPhU monograph

In comparison to the State pharmacopoeia of Ukraine, the West African Herbal pharmacopoeia is different. The WAHP is detailed and can be considered or can be seen as some reference document about different medicinal plants.

Diving into the structure of the monograph, it begins with the name of the plant, the botanical names, common names (in English and in French), the vernacular names (i.e., the local names given by the people of different regions). It also states the family that medicinal plant belongs to, and the synonyms.

Furthermore, there is a detailed description of the whole and plant parts, especially parts with medicinal properties, with pictures. The herbarium specimen number is also present in the monograph. Next the habitat and geographical distribution is explained (i.e., what region, country this plant is found).

We can also find the main plant material of interest, the other parts that can be used and the explanation of the plant material. Following this is the ethnomedical uses of the plant, this explains how this plant can be used for treatment of various disease traditionally. The biological and pharmacological activity of the plant is also explained in the WAHP.

In addition, the clinical data, chemical constituent which mentions the biological active substance of the plant is present. Test for identity and purity (moisture content which is called weight on loss of drying in the SPhU, total ash, water soluble extractive) and the chemical formulas can also be found in the monograph. All mentioned thus far can be seen in *fig. 1.2*;

Acacia nilotica

Botanical name
Acacia nilotica (L.) Willd. ex Del. var. nilotica
Acacia nilotica var. adansoni

Family
Mimosaceae

Synonyms
Mimosa acropicta (L.) Mimosa nilotica Lam.,
Acacia arabica Willd., Acacia adansoni Guill. &
Franch.

Common names
Egyptian mimosa (English), Gonskar, Asoon du
fal (French)

Vernacular names
Barkina Faso: Moore-Pogonaga, Douda-
Bagramon (Bougoin), Fufufu-Bevri, Gendi
Diane, Akas – Dikanema
Mali: Barbara – Bagana, Marika – Bagana,
Dogona – Bari
Nigeria: Hausa – Bagasura
Niger: Hausa – Bagasura, Djama – Saari
Senegal: Wolof – Goniil, Soof – Nip Nop,
Fula – Gaudi

Description of the plant
Spray tree, up to 20 m high, with straight
cylindrical, bole shape, up to 60 cm in diameter,
and dense crown; bark, dark brown to black,
slightly fissured or cracked, with pinkish-grey
stain, exuding a reddish resin; stems, olive green to
brownish, tomentose to glabrous; thorns set in
pairs at the base of the leaf, straight and thin
when long, sometimes hooked when short, pale
grey to white, 0.5-0.15 cm long; leaves
alternate, bipinnate, illu-shaded, 4-10 cm long,
with 3-6 pair pinnae and 10-25(-30) pair of leaflet
per pinna, leaflets glabrous, or more or less
pubescent, oblong, 1.5-2 mm long; petiole often
bearing 1(2) glands before the first pair of pinnae
and others at the base of each pair of pinnae or
only the terminal pair of pinnae, 3-4 (4) cm long;
inflorescence a raceme of 1-4 pedicellate of
glomerules, bright yellow out of the base of a leaf,
1.2-1.5 cm in diameter; fruit flat or cylindrical pod,
1.5-2.2 cm long and 10-15 cm across, yellow to
brown or greyish when ripe, usually containing 6-
10 seeds; seeds brown, more or less flat and
round, 0.5-0.8 mm in diameter.

Herbarium specimen number
China: 192 (QIC)
Mali: 498 (DMT)
Togo: TDGD34821



Habitat and geographical distribution
A. nilotica is widespread in the northern savanna
regions, and its range extends from Mali to
Sudan and Egypt. It requires a strong light
environment for growth. Severe frost effects
small seedlings at root as large trees. It is
strongly resistant and grows best on alluvial soils
in plain, fat or gently undulating ground and in
savanna areas. It is considered a serious weed in
South Africa.

Plant material of interest
Fruit

Other parts used
Leaf, aerial part, stem-bark, root-bark

Definition of plant material of interest
Acacia consists of fresh or dried fruit of *Acacia
nilotica* (L.) Willd. ex Del. var. *nilotica*
(Mimosaceae).

Ethnomedical uses
nilotica is used in many cultures to treat
bacteremia, chest pain, cough, diarrhoea,
dysentery, fever, haemorrhage, leucosy, eye
diseases, pneumonia, sore throat (Chhabra and
Usha, 1991; Watt 1962), syphilis (Kantiza and
Akoyan 2001; Watt 1962), oral candidiasis,
large skin infections (Lar and Amar, 2002;
Srivastava et al., 2001), malaria and toothache
(Jain et al., 2000; Kubmarawa et al., 2007). Bark
decouster is used to treat oral, intra- and post-
partum complications (Kang et al., 2011) and the
hot decoction of the root bark is used for
gastrointestinal complications and diabetes
(Nanyang et al., 2008). Fruits are used against
scabies (Lev and Anze, 2000).

Acacia nilotica


Biological and pharmacological activities
Chhabra et al. (2003) have reported the anti-
inflammatory and antitumor activities of the
stem. Tannin-containing extracts showed
apoptotic and mutagenic effects against the
fresh water snail *Bulinus truncatus* and
Biomphalaria pfeifferi (Ayuda and Yankov, 1982)
and aqueous extracts exhibited antibacterial
properties in vitro (Abd El Nahi et al., 1992). In
vivo studies showed that the methanolic stem-
bark, fruit and leaf extracts provided complete
protection against cancer induced diarrhoea,
which was comparable to the anti-diarrhoeal
drug, loperamide (Agans et al., 2016). These
extracts (0.5 to 3.0 mg/ml) exhibited a dose-
dependent antitumor effect on isolated viable
hepatoma with initial relaxation, which was quickly
followed by contraction of the apurum at 3.0
mg/ml (Agura et al., 2005). Other studies have
also shown that different extracts of the plant
have antifungal and broad-spectrum antibacterial
effects (Shams et al., 2006; Abd El Nahi et al.,
1992; Srivastava et al., 2001; Ahmad et al.,
1998). Different extracts of the root bark and
fruits are reported to have antifungal activity
particularly against yeasts and *Candida albicans*
(Gupta and Bhatnagar, 1970; Sirna and Anjoa,
1984; Almagouti et al., 1998; Ranyara et al.,
2006). Nilotinone, a diterpene isolated from the
bark showed antibacterial activity against Gram-
positive bacteria *Bacillus subtilis* and
Staphylococcus aureus (Sreen et al., 2011).
Gupta et al. (2007) also showed that the bark
extracts have in vitro antioxidant capacity, while
Shah et al. (1987) found the alcohol extracts to
showed platelet aggregation inhibiting effect
in a dose-dependent manner. The methanolic
extracts of the pods have been shown to be
effective against HIV-PR (Benson and Gb,
2006) and the fresh plant parts have been
reported to be active against hepatitis C virus
(Hassan et al., 2000). Antiparasitic activity of
the stem extracts against different chloroquine
resistant and sensitive strains of
Plasmodium falciparum have been reported (El-
Tah et al., 1999). Phenolic and polyphenolic-rich
ether, aryl acetates and acetone fractions from
the bark demonstrated antitumoragic and
cytotoxic effects in *Artes assay* (Kaur et al.,
2008).

Clinical data
An investigation in animals the anti-microbial
effect of mixing with *Acacia nilotica* L. extract
containing mouth rinse on supragingival plaque
formation and development of gingivitis in

composition to control mouth rinse formation
using thirty volunteers was carried out. All
analysis revealed a full mouth scoring and root
planning (BHP) and almost zero plaque index
(PI) were reached. Plaque index, gingival index
(GI), gingival bleeding index (GBI) and modified
lobster skin index (MLSI) were recorded at day
zero, one week and two weeks following therapy.
The volunteers were allotted equally into three
groups as follows: Experimental group used
Acacia nilotica mouth rinse, Placebo control
group used 0.2% chlorhexidine gluconate (CHX).
Negative control group used a placebo. Samples
of supragingival plaque were collected from each
volunteer before DRP, and at one and two weeks
after using mouth rinse. The herbal mouth rinse
contained less (PI), (GI), (GBI) values when
compared to placebo, but higher values in
comparison to CHX. The microbial inhibition
was less than CHX but significantly higher than
placebo, suggesting its antimicrobial activity (S-
Ministry et al., 2010).

Chemical constituents
Tannins (lappalactosin, galloyl esters),
diterpene, saponins, proteins (Kumarasani et al.,
1984; Ranyara et al., 2006; Sewa et al., 1998;
Mambo et al., 2008).

Test for identity and purity
Moisture content: 5.50%
Total ash: 8.37%
Water soluble extractives: 47.05%




3-Acetylacetone (5-Acetylacetone) (5-Acetylacetone)

A.

Fig. 1.2. (A) Structure of the pharmacopoeia monograph of WAHP

In the final part of the monograph, the chromatographic fingerprints are available with a picture, the macroscopy and microscopy of the plant is present. An explanation of the powdered part material, and interestingly, the therapeutic actions and indications are present in the monograph. Safety date, precautions for use, adverse effects, contraindications, dosage & dosage forms and storage concludes the monograph.

Unlike the SPhU, the west African herbal pharmacopoeia shows detailed information gotten from different research materials and the reference are added at the end of each monograph (Fig. 1.2 B) The WAHP is also very bright and full of colors.

Acacia nilotica	WHP
<p>Chromatographic fingerprints</p> <p>Chloroform extract</p> <p>Analytical TLC on silica gel (200 F254, 0.25 mm layer in petroleum ether (40-60 °C)/chloroform (2:8), detection in daylight, after spraying with ammonia/ethyl 0.5 ml mixed with 10 ml glacial acetic acid, 85 ml methanol and 5 ml concentrated sulphuric acid and heated to 100-110°C for 5-10 min. Presence of five characteristic spots with the 0.64 (pink), 0.48 (pink), 0.45 (purple), 0.28 (pink) and 0.10 (pink)</p>  <p style="text-align: center;">Chromatogram</p> <p>Macroscopy</p> <p>Bark hard, dark brown or black; deeply fissured transversely and longitudinally, inner surface, reddish brown, longitudinally striated and fibrous; breaks with difficulty and exhibits a fibrous fracture, lam, stringer.</p> <p>Microscopy</p> <p>Transverse section of mature bark shows, 15-25 layered, thin-walled, slightly flattened mostly rectangular, brown coloured cork cells, a few lenticels formed by rupturing of cork cells, secondary cortical cork cells elongated, many tanusinous stone cells, variable in shape and size present in large groups; secondary phloem consists of sieve tubes, companion cells, fibres, crystal fibres and phloem parenchyma; phloem fibres in many groups and thick-walled, phloem tissues filled with reddish or brown contents present, crystal fibres thick-walled, elongated, divided by transverse septa into segments, each contain a prismatic crystal of calcium oxalate, medullary rays uni- to multi-seriate run almost straight, ray cells elongated to polygonal, 20-24 cells high and 2-3 cells wide, crystals of calcium oxalate found scattered amongst the stone cells</p>	<p>of secondary cortex and phloem parenchyma (Abd et al., 2005)</p> <p>Powdered plant material</p> <p>Powder: reddish brown, coarsely, under microscope: many prismatic crystals of calcium oxalate, stone cells, both with narrow and wide lumen and striations and crystal fibres</p> <p>Therapeutic actions</p> <p>Molluscoidal, antifungal, antiviral, antibacterial, antidiabetic, antiparasitic, antiplatelet aggregator, antihypertensive, antihemostatic, antidiarrhoeal, immunomodulatory and antitumor activities (Eskew et al., 2010; Sultana et al., 2007; Beskong and Oei, 2008; Hamza et al., 2004; Rajyogi et al., 2006; Agwu et al., 2005; Chutani et al., 2003; Kamal and Alshaykh, 2001; Srivastava et al., 2001; Hussain et al., 2000)</p> <p>Therapeutic indications</p> <p>Infections, cough, inflammations, diarrhoea and pain.</p> <p>Safety data</p> <p>The LD₅₀ of the aqueous fruit extract (p.o) over a period of 24 hours in mice was greater than 2000 mg/kg. In the subacute studies, no clinical signs of toxicity were observed after oral administration of the extract at 500 – 2000 mg/kg; p.n to male and female mice for 34 days.</p> <p>Precautions for use</p> <p>May cause a reduction in body weight</p> <p>Adverse effects</p> <p>Constipation, decreased haemoglobin levels</p> <p>Contraindications</p> <p>Pregnancy and lactation</p> <p>Dosage and dosage forms</p> <p>Decoction, suspension, ointment, poultice</p> <p>Decoction: 30 g of dried leaves in 800 ml of water, boil until reduced to 600 ml, 1 teaspoon three times a day.</p> <p>Storage</p> <p>Store in a cool dry place</p> <p>References</p> <p>Abd El Foz, D.M., Rokinger, E.C., Reinhardt, P.F., III, F. et al. (1990). Antimicrobial activity of <i>Acacia nilotica</i> (L.) Willd. ex Del. var. <i>robusta</i></p>
WAHO	Page 3

B.

Fig. 1.2. (B) Structure of the pharmacopoeia monograph of WHP

The African Pharmacopoeia is similar to the WHP. The difference is that the pharmaceutical preparations of some medicinal plant and the WHP is well detailed and contains more information than the African pharmacopoeia. Fig. 1.3.

Achyranthes aspera L.	
<p>Family name: Amaranthaceae.</p> <p>Synonyms: (a) <i>Achyranthes argentea</i> Lam.; (b) <i>Achyranthes aspera obtusifolia</i> (Lam.) Griseb.; (c) <i>Achyranthes aspera</i> var. <i>indica</i> L.; (d) <i>Achyranthes indica</i> (L.) Mill.</p> <p>Common names: Devil's horsewhip, Prickly-chaff flower, Burweed (E).</p> <p>African names: (a) Arabic: N/A (b) Bambara: Sien doto nani. (c) Hausa: Hakooin-mactijji, Kaimin-kadangare, Kaban K'adangaran. (d) Peuhl: N/A (e) Swahili: Panga za wiyuka. (f) Yoruba: Aboro.</p> <p>Brief description of the plant: A perennial stiff erect herb 0.2-2m high, growing up to 1000m height. Stems are square, leaves elliptic ovate or broadly rhombate, 5-22m long, 2-5cm broad and adpressed pubescent. The inflorescences are 8-30cm long with many single white or red flowers, 3-7mm wide. Flowering time is in summer.</p> <p>Geographical distribution: It is found in the south east of Africa: Kenya, Tanzania and Uganda.</p> <p>Part used: The whole plant.</p> <p>Name of drug: Achyranthes herb.</p> <p>Definition: Achyranthes herb is the dried leaf, stem and roots of <i>Achyranthes aspera</i> L. (family, Amaranthaceae).</p> <p>Description: Macroscopical: <i>Achyranthes aspera</i> is an erect or spreading perennial herb which can grow up to 2 m tall. Its stems become woody at the base. Its short-stalked leaves (dark green above and paler below) are opposite, simple and egg-shaped with broad end at base (ovate) up to 10 cm long by 8 cm wide, densely to sparsely hairy (pubescent) tapering to a point at both ends and shortly stalked.</p> <p>The small greenish-white flowers form narrow, elongated terminal spikes up to 60 cm long. As the flowers age, they bend downwards and become pressed closely against the stem. The bracts surrounding the flowers in the fruiting stage have sharp, pointed tips</p>	<p>making the heads spiny to the touch. The sharp-pointed fruits are orange to reddish purple or straw-brown capsules.</p> <p>Chemical constituents: The plant contains triterpenoid saponins possessing oleic acid as aglycone, as major chemical constituents. Other constituents of the plant are ecdysterone, long chain alcohol, penta trisaccharanol, cyclohexyl heptacosans, 16-hydroxy 26-methyl heptacosan-2one, dihydroxy hen-pentacosan-4-one. It also contains a water soluble base, betaine.</p> <p>Tests for identity: (a) Macroscopical examination of the specimen to ensure compliance with the above descriptions. (b) Shake the powdered herb with water. A foam which does not disappear on heating is produced.</p> <p>Tests for purity: N/A</p> <p>Pharmaceutical preparations: N/A</p> <p>Uses: Antispasmodic.</p> <p>Storage: Store in sealed containers in a cool & dry place. Protect from light, moisture and pest infestation.</p>

Fig. 1.3. Structure of the pharmacopoeia monograph of AP.

Table 1.1.

Comparative analysis of the SPhU, WAHP and AP

Features	SPhU	WAHP	AP
Latin/English name	+	+	+
Family	+	+	+
Common, vernacular & synonyms	-	+	+
Description of plant	+	+	+
Herbarium specimen number	-	+	-
Habitat and geographic distribution.	-	+	+
Plant material of interest	+	+	+
Other parts used	-	+	-
Definition of plant material of interest	-	+	+
Ethnomedical Uses	-	+	-
Biological and pharmacological activities	-	+	-
Clinical data	-	+	-
Chemical constituents	-	+	+
Test for identity and purity	+	+	+
Powdered plant material	-	+	+
Identification (Microscopic, macroscopic, TLC)	+	+	+
Therapeutic actions, indications and uses	-	+	+
Safety Data	-	+	-
Adverse effects and contraindications	-	+	-
Pharmaceutical preparations	-	-	+
Dosage and dosage forms	-	+	-
Storage	-	+	+

Furthermore, it is important to note that the State pharmacopeia of Ukraine is harmonized with the European Pharmacopeia.

Cumulatively, 226 plant monographs are present in the West African herbal pharmacopoeia and African pharmacopoeia, but not all of these plants are of Nigerian origin. Only 50 of these medicinal plants are confirmed to be of Nigerian origin. In the SPhU, 387 monographs are present, and amongst these monographs, there are ±123 monographs of plant of Ukraine Origin.

This is because, monographs with the same medicinal plants but different MPM were not counted separately but as one plant. For example, in SPhU there is *Sambucus nigra* flower and fruits, these different monographs were not counted separately but as one plant. Also, in the case of plants that have monographs for tinctures or extracts were counted as one resulting to ±123 monographs.

Conclusion for chapter 1:

During this analysis, it is interesting to see the brief history, structures and differences between all three pharmacopoeias. This comparison, without condemnation, shows how unique each pharmacopoeias are.

1. It is seen that the State pharmacopoeia of Ukraine focuses more on the information used for the standardization of medicinal plants.
2. The West African herbal pharmacopoeia contains all information about the medicinal plant gathered and compiled from different sources. This is because it makes access easier for traditional practitioners and pharmaceutical companies.
3. There isn't a wide variety of medicinal plant of Nigeria mentioned in these pharmacopoeias, it is crucial to prioritize the development of the national monographs and national flora of Nigeria.

CHAPTER 2. ANALYSIS OF MEDICINAL PLANTS OF NIGERIA PRESENT IN THE WEST AFRICAN HERBAL PHARMACOPOEIA AND AFRICAN PHARMACOPOEIA

Traditional overview of medicinal plants [3] was analyzed and this study shows that 325 species and 95 families are recognized and are commonly used in Nigeria for the treatment of various diseases.

Amongst these various species of medicinal plants, 50 of Nigerian origin were present in the West African herbal pharmacopeia and the African pharmacopeia. This was determined by the habitat and geographical distribution data written in these pharmacopoeias.

In Table 2.1, an overview is provided of these medicinal plants, including their Latin and English names, corresponding plant families, primary raw material of interest, as well as their pharmacological actions and common uses.

Table 2.1.

Medicinal plants of Nigeria present in the WAHP and AP

Latin/English Name	Family	Raw Materials	Pharmacological Action and Uses
1	2	3	4
Abrus Precatorious L./ Rosary Pea	Fabaceae	Roots, Leaves and Stem.	Antimicrobial, Antioxidant, Antitussive, Analgesic, Antispasmodic and Hepatoprotective. Uses: The Root is used as a substitute for Liquorice, to sweeten medicines. Leaves and stems for cough.
Acacia Nilotica/ Gum arabica tree	Fabaceae	Fruits.	Astringent, Anti-Inflammatory, Antimicrobial, Antifungal, Antihypertensive, Antiviral, Molluscicidal, Immunodulatory, Antioxidant, Antiplatelet Aggregatory, Antidiarrheal. Uses: Skin Diseases, Fungal Infections.

Cont. table 2.1

1	2	3	4
Ageratum Conyzoides/ Goat weed	Asteraceae	Root; Whole plant	Analgesic, Antibacterial, Anti- Inflammatory, And Antirheumatic, Purgative, Radioprotective, Anticoagulant, Emetic ,Wound Healing Properties. Uses; Decoction is treat diarrhea and intestinal pain.
Alchornea Cordifolia/ Christmas Bush	Euphorbiaceae	Leaves.	Antimalarial, Antispasmodic, antitussive, Antimicrobial, anti- inflammatory, analgesic, antidiarrheal. Uses; Fever, cough, Purgative, dysmenorrhea.
Allium Sativum/ Garlic	Liliaceae	Bulb	Antihypertensive, Antidiabetic, antifungal, immunomodulatory, antioxidant, antibacterial, antitussive, expectorant, anticoagulant, antiasthmatic, anticarcinogenic, antipyretic, diaphoretic. Uses; Fever, snakebites, atherosclerosis, hypertension treatment. Drug of Allium sativum: Dr Aladdin 7 keys
Aloe Barbadosis miller/ Aloe vera	Liliaceae	Whole leaf, yellow juice or transparent gel.	Anticancer, Antiviral, Analgesic, anti-inflammatory, antiprotozoal. Uses; Burns, Dermatitis, peptic ulcer, asthma, fungal infections.
Aloe Schweinfurthi Baker/ West African giant aloe	Liliaceae	Whole leaf, yellow juice or transparent gel.	Laxative/Purgative, Antimicrobial and wound healing.
Alstonia Boonei/ Pattern wood.	Apocynaceae	Bark	Antipyretic; analgesic, antirheumatic insecticidal, Antimalaria, Antimicrobial. Uses: Rheumatoid arthritis, measles.
Anacardium occidentale/ Cashew	Anacardiaceae	Nut, Leaves, Roots.	Antihyperglycemic, Antibacterial, Antidiarrheal.

Cont. table 2.1

1	2	3	4
Annona Senegalensis/ African Custard Apple.	Annonaceae	Leaves and Fruit	Antiplasmodic, Trypanocidal, Antibacterial.
*Argemone Mexicana/ Yellow thistle	Papaveraceae	Aerial parts without seeds, leaf.	Hypotensive, diaphoretic, diuretic, antibacterial, antiviral, laxative, antitussive, anticoagulant, anti-inflammatory.
Azadirachta Indica/ Neem	Meliaceae	Leaf	Antiemetic, Antifungal, anti-inflammatory, Anxiolytic, Antiseptic, galactogogue, Hypoglycemic, antipyretic. Uses: Skin disorders, Blood disorders.
Bridelia Ferruginea/ Bridelia	Euphorbiaceae	Leaf and Stem Bark	Antidiabetic; Antihypertensive, Antiviral, Diuretic, Antispasmodic, Anti-HIV, Anti-inflammatory, antifungal, antipyretic, antibacterial, analgesic. Uses: Diabetes mellitus, Arthritis, diarrhoea.
Capsicum annuum L./ Red pepper	Solanaceae	Fruit	It is applied externally as a stimulant and counter irritant; internally, as a pungent stomachic, carminative and stimulant, to dispel flatulence and rouse the appetite. Pharmaceutical preparations: Tinctura 15apsica. Unguentum 15apsica. Capsicum plaster.
Carica papaya/ Papaya	Caricaceae	Leaf, fruit or root	Antibacterial, Antiulcer, Diuretic, amoebicidal, analgesic, anti-inflammatory, anthelmintic, antifungal and anticonvulsant.
Catharanthus roseus(L.) G. Don/ Periwinkle	Apocynaceae	Leaves	Periwinkle is utilized in traditional medicine as antidiabetic. Its alkaloids are utilized as anti-tumor drug. Leurocristine (Vincristine) administrated in form of sulfate or injections i.v. dose of 0.03 to 0.1 mg/kg in hemopathies and lymphoblastic leukemia. Vincalucoblastine in intravenous injection dose, 0.10 to 0.15 mg/kg (physical weight) in Hodgkin disease.

Cont. table 2.1

1	2	3	4
Cinchona Officinalis/ Quinine	Rubiaceae	Bark	Antimalarial, antipyretic, astringent, tonic, bitter antipyretic. Uses: Malaria treatment. Drug: Quinine Sulfate 150 mg/5 mL.
Cymbopogon citratu/ Lemon grass	Poaceae	Herb	Uses: It is used as diuretic, emmenagogue, Diaphoretic, Stomachic, Carminative, tonic antirheumatic, and against diarrhea. It is also used in the form of an aqueous decoction in treating feverish conditions. The essential oil is used in perfumery in making bath soap and in cosmetics, Insect repellent.
Desmodium adscendens (Sw.) DC./ Tick clover	Fabaceae	Leaves and Roots	Antiasthmatic, Anthelminthic, Anti- Inflammatory, Antimicrobial, Antipyretic, Antispasmodic, Anxiolytic, Bronchodilator, Galactagogue, Sedative. Uses: Asthma and allergies. Generally, 1-3 cups of tick-clover leaf tea (standard infusion) daily, 4-6 ml of a standard tincture, or 4-5 g of powdered leaves in capsules daily are used for most conditions.
Euphorbia Hirta L./ Australian Asthma herb	Euphorbiaceae	Whole Herb	Anti-asthmatic; anthelminthic; anti- inflammatory; antimicrobial; antipyretic; Uses: In asthma, as bronchial sedative, in amoebic dysentery and as decoction (fresh plants) for acute enteritis and dysentery.
Erythrina Senegalensis DC./ Coral tree.	Fabaceae	Bark, Roots, Leaves, Wood.	Cytotoxicity, obesity, anti-HIV, antibacterial, antimalarial, analgesic, anti-inflammatory.

Cont. table 2.1

1	2	3	4
Erythrophleum guineense G. Don/ Sassy bark	Fabaceae	Bark	Antifungal, dental surgeries. Narcotic, astringent, anodyne, laxative. The bark is poisonous because of its poisonous alkaloids.
Glycyrrhiza glabra L./ Licorice	Fabaceae	Roots and Rhizome.	Liquorice root is a demulcent and expectorant. The liquid extract is often employed to mask the taste of nauseous medicines. It is used for gastric and duodenal ulcers.
*Guibourtia copallifera Benn. / Gum-copal	Fabaceae	Leaves, Roots, Fruits, Stem exudate.	Galactagogue, rheumatism, gastroenteritis, dysentery.
Harungana Madagascariensis Lam. Ex Poir./ Orange-milk tree.	Hypericaceae	Bark stem, branch, trunk.	Uses: Cancer, Malaria, antitrypanosomal, anti-inflammatory, antisickling, antioxidant, antibacterial.
Hibiscus Sabdariffa/ Red Sorrel.	Malvaceae	Calyx and Calyculus	Antihypertensive, laxative, astringent, Cholagogue, Diuretic, Stomachic, Sedative, Antitussive. Uses: For treatment of Hypertension, liver disorder, kidney stones.
*Hippocratea Indica Willd./ Mopane paddle-pod	Celastraceae	Whole plant, leaves and roots.	Antibiotic, bacteriostatic, fungistatic.
*Lippia Multiflora/ Healer herb	Verbenaceae	Leaves	Adjuvant for cosmetics(oil), antihypertensive, antimalarial, antimicrobial, laxative, muscle relaxant, diuretic, Mouth disinfectant(locally).
Mentha piperita L. (pro sp.)/ Peppermint	Lamiaceae	Leaves	Uses: Flavouring agent, carminative.
Momordica charantia/ Bitter melon	Cucurbitaceae	Leaf and fruit	Antimicrobial, antidiabetic, antidiarrheal, antifertility, antineoplastic, antioxidant, antitumor, antiulcer, anthelminthic, febrifuge.
Moringa Oleifera/ Horse radish tree.	Moringaceae	Seeds, Leaf.	Wound healing, Cerebroprotective, antibacterial, anticancer, antiulcer, antioxidant, anti-inflammatory.
Ocinum gratissimum/ Tea Bush.	Lamiaceae	Leaves	As antibacterial agent and as a spice, for diarrhoea.

Cont. table 2.1

1	2	3	4
*Pericopsis laxiflora (Benth. Ex Baker) Meeuwen/ Satin wood	Fabaceae	Roots, seed, leaves and wood.	Uses: Headache, body pains, agitation and anxiety.
Pimpinella anisum L/ Aniseed	Apiaceae	Fruits	Flavoring agent, carminative.
Rauwolfia Vomitoria/ Poison devil's-pepper.	Apocynacea	Roots and Rhizomes	Hypotensive and for the preparation of reserpine.
*Ricinus communis L./ Castor oil plant.	Euphorbiaceae	Dried ripe seed	Castor oil is a mild purgative. The oil is used as a rectal injection to remove impacted faeces, sometimes with olive oil. Pharmaceutical Preparation: Emulsio Olei Ricini Aromatici, (Emulsion of Aromatic castor oil) Mistura Olei Ricini(Castor oil mixture) Oleum Ricini Aromaticum(Aromatic castor oil) Unguentum Zinci et Olei Ricini(Zinc and castor oil ointment)
Saccharum Officinalis/ Sugar cane	Poaceae	Dried purified extract	Sucrose is employed in Pharmacy chiefly as a sweetening agent and demulcent preservative. In large quantities it is recommended in wasting diseases as phthisis and cancer, intravenous injection in case of heart failure. Pharmaceutical Preparation: Sirupus Simplex.
*Scadoxus Multiflorus(Martyn)/ African Blood Lily	Amaryllidaceae	Roots(Bulb)	It can be used as stimulants, cardiac tonic
*Schwenkia Americana L./ Schwenkia	Solanaceae	Whole plant, leaves, roots, stem.	Anti-inflammatory, analgesic.
Securidaca Longepedunculata Fres./ Violet tree	Polygalaceae	Leaves and Root bark	Sedative, anxiolytic, Anti- mycobacterium tuberculosis, Anti-inflammatory, analgesic and hypoglycemic, anticonvulsant, antibacterial.

Cont. table 2.1

1	2	3	4
Senna Alata/Ringworm shrub.	Fabaceae	Leaves	Antidiarrheal, antibacterial, antifungal, antiviral.
*Senna Podocarpa/ Podocarpa pod	Fabaceae	Leaves	Treatment of malaria and constipation. Pharmaceutical preparations: Senna Liquid Extract Senna Tablet
*Sesamum alatum Thonning Sesamum indicum L. / Sesame.	Pedaliaceae	Dried ripe seeds	Dietetic
*Solanum nigrum/ Black nightshade	Solanaceae	Whole Plant	It is used as a source for solasodine which is starting material for steroidal hormones synthesis.
*Spathodea Campanulata P. Beauv./ African tulip tree.	Bignoniaceae	Bark	Anti-inflammatory, anti-HIV, antidiabetic, Vulnerary, antioxidant and antimicrobial.
Sterculia setigera Del./ Sterculia Gum.	Sterculiaceae	Bark and Gum	Emulsifying agent used in the preparation of food products, cosmetics, textile industry for the preparation of varnish, also laxative.
Sterculia tragacantha Lindl./ African tragacanth.	Sterculiaceae	Whole plant, root, gum, leaves, ash, bark, fruit, seed.	Antitumor, antimicrobial, immunogenicity.
*Strychnos nux vomica L./ Strychnine tree.	Loganiaceae	Dried ripe seeds	Uses: Nux vomica is largely used as a bitter stomachic and tonic. It stimulates the muscular coat of the intestine, increasing peristalsis. Name of drug: Nux vomica, Semen strychni.
*Tephrosia vogelii Hook. F./ Fish-poison bean	Fabaceae	Leaves	Pesticide, Acaricide, Fish poison, anticancer.
Terminalia avicennioides Guill. & Perr./ Badamier duveteux(F)	Combretaceae	Roots, Leaves	Antimalaria, cytotoxic, trypanocidal, antimicrobial.

Cont. table 2.1.

1	2	3	4
Terminalia avicennioides Guill. & Perr./ Badamier duveteux(F)	Combretaceae	Roots, Leaves	Antimalaria, cytotoxic, trypanocidal, antimicrobial.
Tetrapleura Tetraptera/ Tetrapleura pod	Mimosaceae	Fruit	Molluscicidal, antihypertensive, anticonvulsant, antiulcer, antidiabetic and antioxidant.
*Tinospora bakis(A. Rich) Miers/ Tinospora	Menispermaceae	Root/Rhizome	Anti-jaundice, hepatoprotective, antipyretic, antimalaria.
Vernonia Amygdalina/ Bitter leaf	Asteraceae	Leaf	Analgesic; antibacterial, antitumor. Uses; For the treatment of dysentery, stomachache and as a laxative.
*Ximenia Americana L./ Wild Olive	Olacaceae	Leaves, root, seed.	Antiulcer, anticancer, antisickling, anthelmintic, trypanocidal , analgesic, antioxidant, antimicrobial, antimalaria, 20olluscicidal.
Zanthoxylum xanthoxyloides(Lam.) Waterm./ Candler wood	Rutaceae	Root	Analgesic, diuretic, laxative, anticancer, antihypertensive, antipyretic, antirheumatic, antisickling, antispasmodic, broad spectrum antimicrobial, circulatory stimulant, diaphoretic, emmenagogue, urinary antiseptic and astringent.
Zea Mays L./ Maize	Poaceae	The starch	Starch soaks up secretions and helps to render injured parts less liable for infection. Mucilage of starch is the basis for many enemas and is an antidote for iodine poisoning, it should be freshly prepared. Pharmaceutical preparation: Glycerinum Amyli Pulvi Zinci et Amyli Pulvis Zinci et Amyli Compositus

Based off the results of this diagram, anti-inflammatory action has a value of 9%, which makes it the most prevalent and common action amongst all others. With a difference of 1%, analgesic, antimicrobial and antibacterial effects are following the popularity trend, with a value of 8% respectively.

Some medicinal plants with a value of 6% exhibit antimalarial effect, while 5% of medicinal plants have antipyretic, antioxidant and antifungal effects. Other pharmacological actions like laxative, diuretic, carminative, etc. all take up 4% and 3%.

There are a few unique pharmacological actions with a value of 0% - antiplatelet effect, cholagogue, muscle relaxant, antineoplastic, antihyperglycemic, antifertility, immunogenicity and so on. This is because only a little amount of medicinal plants present in the pharmacopoeia exhibit these actions.

2.2. Families of medicinal plants.

After thorough analysis, there are 31 different plant families associated with the medicinal plant of Nigeria origin.

The *Fabaceae* family stands out as a notable leader amongst other families, boasting a significant number of 11 medicinal plant species. This emphasizes its popularity and importance in providing plants utilized for medicines or as supplements.

Following closely behind are the Euphorbiaceae (4), Poaceae (3), Apocynaceae (3), Solanaceae (3), Liliaceae (3), respectively. Fig. 2.2.

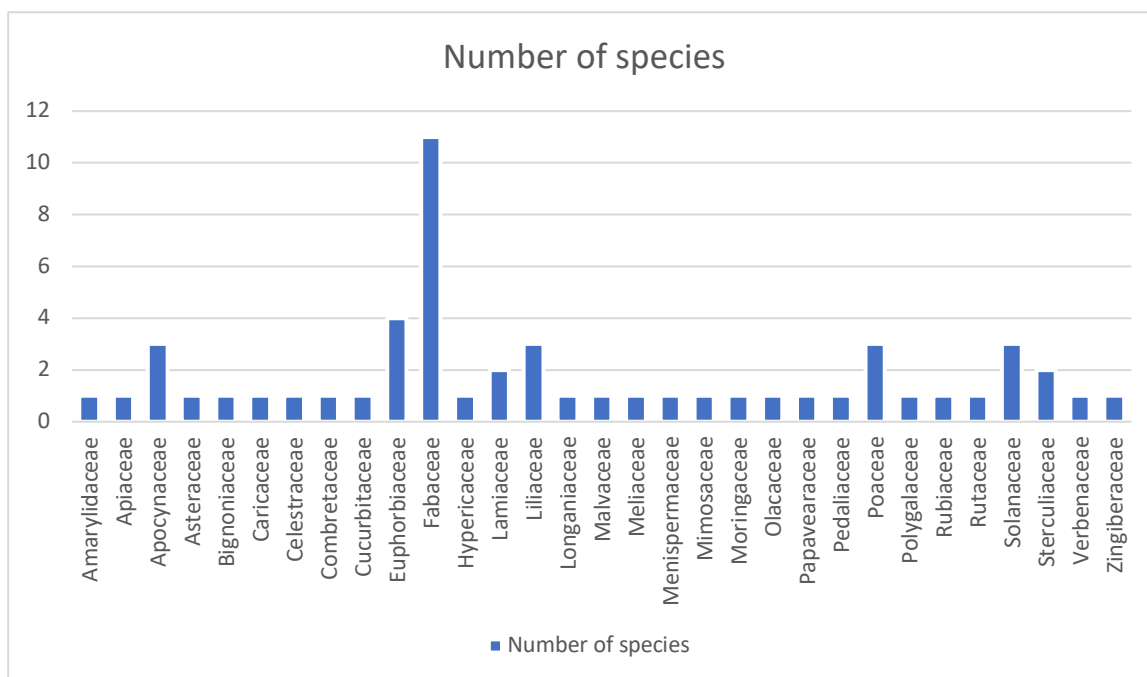


Fig. 2.2. Family of plant materials which are present in pharmacopoeias.

It is also worth mentioning Sterculiaceae, Amaryllidaceae, Zingiberaceae, Lamiaceae, Asteraceae, etc. with a value of 2 respectively.

2.3. Raw materials of medicinal plants.

All parts of a plant, beginning from the roots to seeds, heads and flowers are used in both traditional and modern medicine and represent sources of important new pharmaceutical substances [5]

Plant material of interest has been examined and as a result of this analysis, leaves have the highest value of utilization amongst other medicinal plant materials, with a value of 29%. Roots made up 17%, with fruits following closely behind at 11%, securing second and third most utilized MPM. *Fig 2.3.*

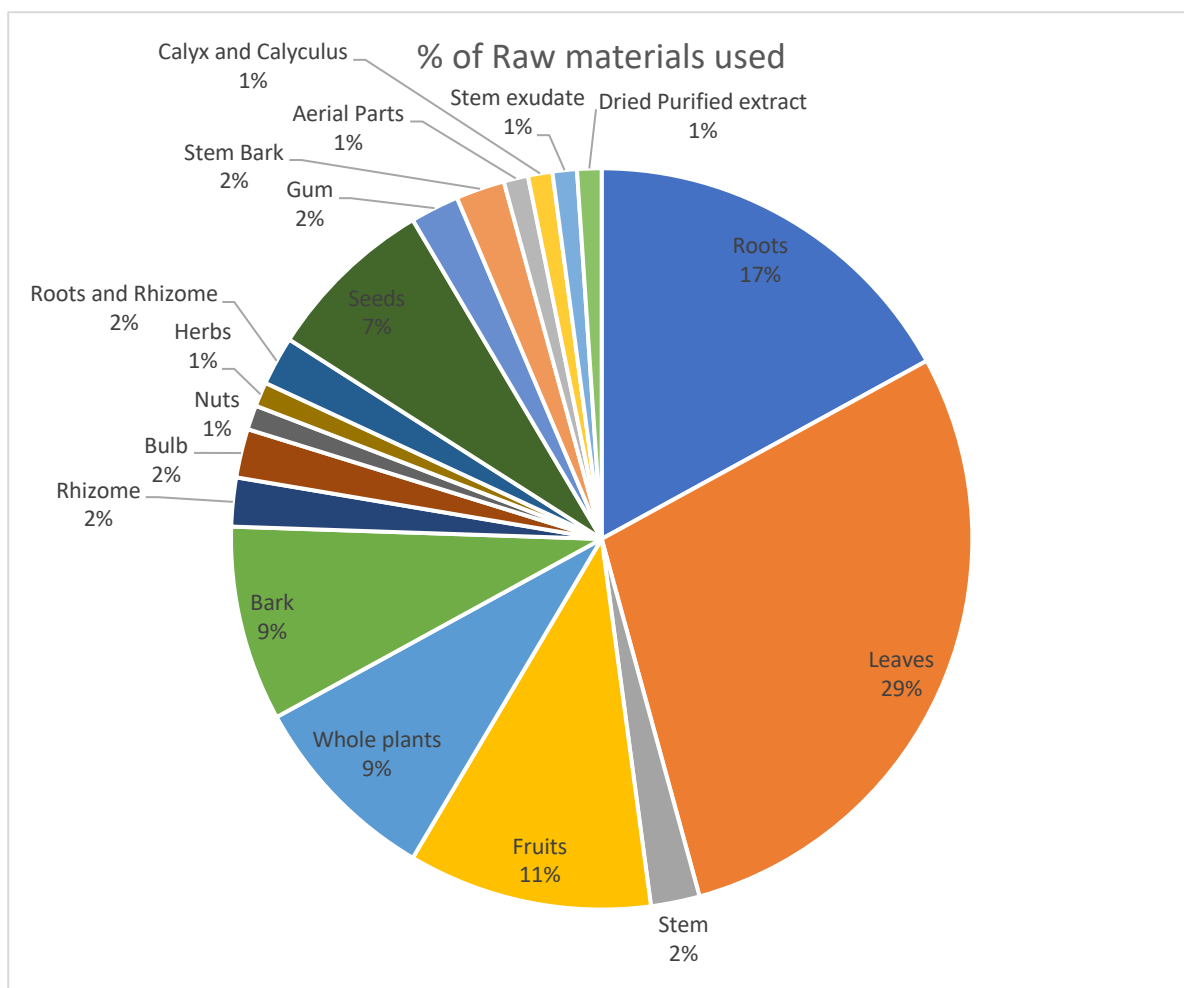


Fig. 2.3. Medicinal plant materials of each plant which are present in pharmacopoeia.

Both bark and whole plants each have a value of 9%, and seeds with 7%. MPM like stem exudate, calyx and calyculus, dried purified extract, aerial parts, although with lesser amounts, are noteworthy.

Conclusion of Chapter 2

Upon analysis, it is evident that there is a rich variety of medicinal plants in Nigeria. In Nigeria, leaves, roots and fruits are the primary medicinal plant materials utilized with respective proportions of 29%, 17%, and 11%. Only 50 pharmacopoeia medicinal plants were mentioned and Fabaceae family was more prevalent amongst other families. This is due to the poor or no representation of other medicinal plants of Nigeria in these pharmacopoeias. These findings

underscore the necessity for comprehensive documentation, such as monographs in pharmacopoeias, especially concerning medicinal plants of Nigerian origin not mentioned, exploration into their respective families their medicinal plant material, pharmacological actions that lack adequate representation and other important information regarding common medicinal plants of Nigeria.

CHAPTER 3. ANALYSIS OF MEDICINAL MARKET AND HERBAL SUPPLEMENTS OF NIGERIA AND UKRAINE

3.1. Regulation of market of medicine and supplements.

In Nigeria, the medicinal market and herbal supplements sector represents a significant aspect of healthcare. The use of herbal medicine and supplements is common among the people of Nigeria, due to the unfavorable economic situation.

The regulatory authority of both modern medicine and herbal supplements, imported and locally made, is The National Agency for Food and Drug Administration and Control (NAFDAC). Established in 1993, with an agenda to control and to regulate manufacturing, import, export, advertisement, distribution, sales, and use of food, drugs, medical devices, etc. Various guidelines and laws were put in place to regulate these [9,6].

NAFDAC has certain laws and acts that regulates the manufacturing, registration, and sale of drug and herbal supplements. NAFDAC Act Cap. N.1 LFN 2004 – This is the law that created the agency and outlines its powers and functions on the products it regulates, as well as the powers and function of the agency's council.

Food, drug and related products (Registration) Act Cap F.33 LFN, this law prohibits the manufacture, sale, distribution of unregistered drugs and herbal supplements. In the NAFDAC manufacturing practice guidelines for herbal medicinal products [8] , it states that no herbal medicinal products can be manufactured without its registration in accordance with the Act Cap F.33 LFN.

There is a specific electronic data developed and created by the National Agency for Food and Drug Administration and Control. This database is called, the registered product database (Fig. 3.1.) and it contains information on food & water, herbal medicines, medical devices [7].

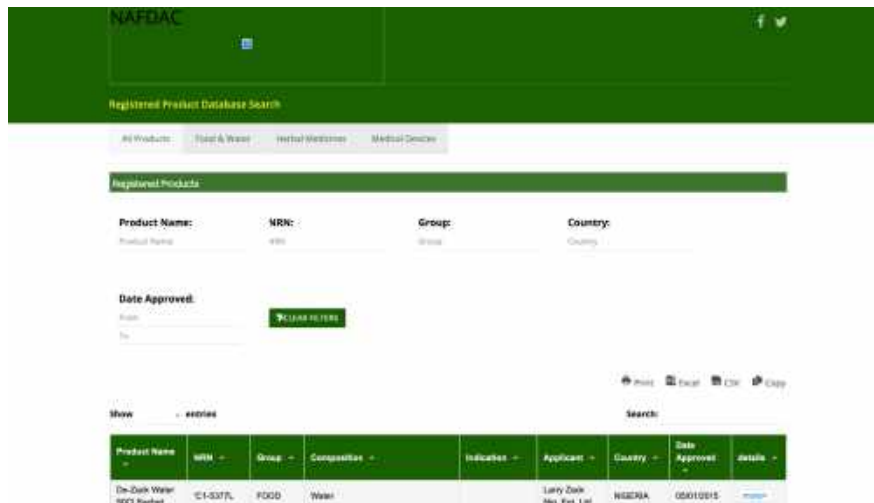


Fig. 3.1. NAFDAC registered product database search.

The information provided by this electronic platform enhanced the analysis of medicines of medicinal plants of Nigeria origin and herbal supplements.

In Ukraine, there is “Register”, it is called State register of medicinal products of Ukraine [10] (fig 3.2.). This register is only available for medicines and not herbal supplements.

Comparing both platform is possible not for similarities but for their differences, peculiarities and the need for both Nigeria and Ukraine to adopt these systems.

Ukraine has the state expert center of the Ministry of Health of Ukraine. This center gives acts or laws about the regulation of medicine, supplements and the list of medicinal plants which are can be used.

Fig. 3.2. State register of medicinal products of Ukraine.

3.2. Analysis of pharmaceutical market of pharmacopoeia plant medicines which are produced in Nigeria and Ukraine by local pharmaceutical manufacturers.

According to the NAFDAC Greenbook (Nigeria's registered drug product database), out of 7,054 entries of drugs, only six medicinal plants from the pharmacopoeia are utilized in the manufacturing of approved drugs by local manufacturers from pharmacopoeia plant in Nigeria. *Table 3.2.*

This implies that, not a lot of medicines were produced from pharmacopoeia medicinal plants analyzed. These medicinal plants has to be used widely in the production of medicines. More monograph to standardized more medicinal plants has to be developed. Usage of these standardization monographs, improves the quality of medicines.

Table 3.2.

**Medicines derived from pharmacopeia medicinal plant of local
manufacturers in Nigeria**

Plant Name (Latin/English)	Product Name	Active Ingredients	Forms	Applicants Name
1	2	3	4	5
Capsicum annum L./ Red pepper	DICLOSAL PLUS CREAM	“Capsaicin” . Diclofenac Sodium (Diclofenac Diethylamine); Methyl salicylate; Menthol; Linseed oil.	Cream	Sagar Vitaceuticals Nigeria Limited
Cinchona Officinalis/ Quinine	Esehi Liquid Quinine - Romelin	Quinine Sulfate 150 mg/5 mL - Cinchona officinalis 19.5%, Cinchona Antioquia 14.28%, Cinchona calisaya 10%, Cinchona pubescens Vahi 15.3%, Cinchona asperifolia 17.4%.	-Syrup - Liquid	- Esehi Pharmaceutical Industries Ltd - Roselin traditional medical pharmacology.
Glycyrrhiza glabra L./ Liquorice	- AVROCOF LOZENGES, Avrolin Expectorant. - COFTA SYRUP, COFTA TABLET - De-Shalom Cough Expectorant	- Ammonium chloride; Ipecacuanha; “Liquorice” ; Peppermint. - Ammonium chloride; Ipecacuanha; “Liquorice extract” ; Peppermint oil; Aniseed oil(Cofta syrup), - Ammonium chloride; Ipecacuanha; “Liquorice” ; Peppermint(Cofta tablet). - Chlorphenamine; Ammonium chloride; “Liquorice” ; Menthol.	- Lozenges - Syrup - Syrup - Tablet - Syrup	- Avro Pharm Limited - Evans Baroque Limited - De-Shalom Pharmaceutical Lab. Nig. Ltd.

Cont. table 3.2

1	2	3	4	5
Mentha Piperita L. (pro sp.)/ Peppermint	- AVROCOF LOZENGES, Avrolin Expectorant. - COFTA SYRUP, COFTA TABLET	- Ammonium chloride; Ipecacuanha; Liqourice; “Peppermint” . - Ammonium chloride; Ipecacuanha; Liqourice extract; “Peppermint oil” ; Aniseed oil(Cofta syrup), - Ammonium chloride; Ipecacuanha; Liqourice; “Peppermint” (Cofta tablet).	- Lozenges - Syrup - Tablet.	- Avro Pharm Limited - Evans Baroque Limited
Pimpinella anisum L./ Aniseed	COFTA SYRUP	- Ammonium chloride; Ipecacuanha; Liqourice extract; Peppermint oil; “Aniseed oil”	Syrup	Evans Baroque Limited.
Zingiber officinale/ Ginger	Avro Gripewater	Sodium bicarbonate; Dill oil; Ginger tincture.	Syrup	Avro Pharma Limited

The dosage forms of these medicines consist of cream, syrups which showed up six times, lozenges (2), tablets (2) and liquid. All these products were developed and manufactured by Nigerian pharmaceutical companies.

It is also important to highlight that a significant portion of these medicines, exhibits antitussive effect, primarily aimed at suppressing cough symptoms and as expectorants which promotes the secretion of sputum.

On top of that mentioned is gripe water, which is used to help relieve stomach discomfort, and aid in relieving gas in infants. Also, the cream, which is a topical analgesic used to alleviate pain and inflammation, muscle and joints sprains.

These medicinal plants which have drugs are Capsicum annum, Cinchona Officinalis, Glycyrrhiza glabra, Mentha Piperita, Pimpinella anisum, and Zingiber officinalis. They are not a lot of medicines with medicinal plants as their active ingredient but for herbal supplement.

Ukraine on the other hand, has a wide number of medicinal plants which are used in the production of medicine/ remedies. Currently we have found 97 medicines which are present in Ukrainian market from medicinal plant material which belong to the pharmacopoeia plants and are present in appendix 1.

According to the State register of medicinal products of Ukraine, there are a total of 11,625 registered drugs, of which 3972 are by local manufacturers and 7653 are by foreign manufacturers.

Furthermore, 1178 drugs of plant origin are registered in Ukraine, of which 675 are domestically produced drugs. In addition, 467 are from the pharmacopoeia plants of Ukrainian flora.

Some of these medicinal plants have not only one or two medicine but a lot more than 10 in comparison to Nigeria and all with different pharmacological actions. These medicines can be mono-components or multi-component.

The medicinal plant with the highest number of medicines manufacture from it, is Valerian (*Valeriana officinalis*). This medicinal plant has been used to manufacture 31 different medicines and are all available in Ukraine. Medicines like Phytosedan, valerian root powder, Corvalazid are all manufacture with valerian as their main active ingredient.

Mentha x piperita also has an impressive amount of utilization for the manufacturing of medicines in Ukraine. 26 remedies have been accounted for, with *Mentha x piperita* as an active ingredient. Unlike Nigeria, that accounted for just two medicines, not imported but by Nigerian producers.

Furthermore, *Matricaria officinalis* is worth mentioning as it has 21 medicine that has this medicinal plant material as its active ingredient. *Glycyrrhiza glabra* in Nigeria has 5 medicines, but in Ukraine it was utilized in the manufacture of 16 medicines.

In comparison, Ukraine has a higher number of medicines which are produced from medicinal plants materials unlike Nigeria with just six.

This indicates that Nigeria needs to improve its usage of medicinal plants of their native flora, focus and the utilization of the medicinal plant materials for the development of more modern medicine.

3.3. Analysis of pharmaceutical market of supplements of pharmacopoeia plant in Nigeria by local producers.

According to the NAFDAC registered products database search, the pharmacopoeia medicinal plants from table 1.1, were found to be utilized in the formulation of diverse herbal supplements in Nigeria (Appendix 2). No doubts, some plants were found to be absent in the data base and were excluded from appendix 2.

There are 1,035 total entries or registered supplements. These consisted of supplements manufactured in Nigeria by local manufacturers and also supplements imported from foreign manufacturers of different countries of the world.

These countries are Australia, Bangladesh, Belgium, Bulgaria, China, Canada, France, Germany, Ghana, India, Indonesia, Italy, Kenya, Lithuania, Malaysia, Mexico, Philippines, Republic of Korea, Romania, Singapore, South Africa, Switzerland, Thailand, Turkey, Uganda, UK, United states of America, United Arab Emirates, Vietnam.

In this database, we observed that there is a huge range of producers/manufacturers of these medicinal supplements, not just Nigerian but manufacturers from different countries listed above.

In as much as there are plenty manufacturers, it was important to narrow it down to Nigerian-based local manufacturers. This helps in the exploration of how diverse and wide the pharmaceutical supplement manufacturing industry of Nigeria is.

Amongst the total 1035 entries of registered supplements, 567 entries (i.e., medicinal supplements) were produced and manufactured by local manufacturers. Furthermore, 34 out of the 50 medicinal plants analyzed from the WAHP and AP, were utilized in producing a great number of herbal supplements in Nigeria

The products of these herbal supplements of the pharmacopoeia medicinal plants found in the NAFDAC database were analyzed and a significant number of products appeared repeatedly across different medicinal plant, which indicates that these supplements are widely used in Nigeria.

For instance, *Zingiber officinalis* wasn't just used in the production of gripe water medicine as mentioned earlier, it has a huge amount of utilization for the production of different herbal supplements, which are targeted at alleviating different conditions and disease. *Zingiber officinalis* has the highest value amongst others, 61 herbal supplements have *Zingiber officinalis* as part of their active ingredients.

Vernonia Amygdalina, which is commonly known as Bitter leaf, plays a significant role in Nigeria's herbal supplement production. This medicinal plant is used in the production and manufacturing of 36 herbal supplements in Nigeria.

Similarly, *Allium sativum*, renowned for its medicinal properties, serves as a key active ingredient in 22 different herbal supplements. This shows that there is a widespread use of *allium sativum* for production of supplements that helps with treating various diseases and conditions.

However, there are medicinal plants with fewer supplement allocations. For instance, *Abrus precatorious* features in only one herbal supplement, *Acacia nilotica* is associated with the production of two. *Alchornea cordifolia* follows suit with two supplements, and so on.

Carica papaya, popularly known as pawpaw, in Nigeria, was also a part of a decent number of supplements. This medicinal plant was a part of 21 different supplement used for various conditions like fever, helps relief indigestion, etc.

During the analysis of the herbal supplements, it is indicated that some supplement products were repeated across various medicinal plants.

This repetition is linked to the fact that most products share one or two similar components/active ingredient, which leads to their inclusion in multiple plant supplements. This was taken into consideration, during the analysis of the pharmacological indications of each product.

Each indication has been classified into distinct diseases/uses category or focal point for each supplement, such as supplements for gastrointestinal disease, infections, pain and aches, etc. This categorization simplifies the information presented below, Fig. 3.3.

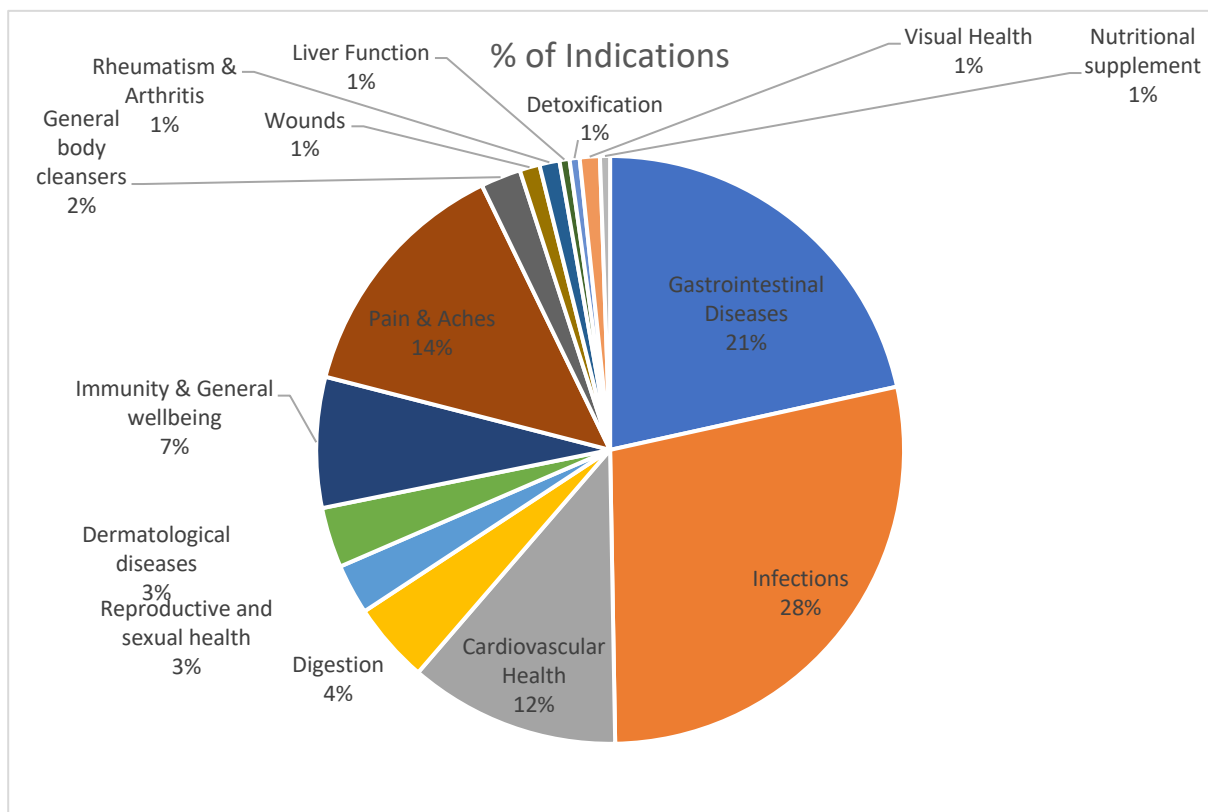


Fig. 3.3. Pharmacological indications of herbal supplements.

As a result of this analysis, it is observed that a considerable portion of supplements in Nigeria are used towards addressing gastrointestinal diseases/conditions. These includes conditions like hemorrhoids (commonly

known as piles in Nigeria), colon illness (typically targeted with cleanser supplements), and issues of the oral cavity, which is considered part of the gastrointestinal tract (GIT). Together these supplements account for a total value of 21%, indicating a significant focus on gastrointestinal health within the supplement market in Nigeria.

However, taking the top spot is the category, infections, with a significant margin of 28%. These supplements are formulated to address a range of infectious conditions including fever, urinary tract infections, sexually transmitted diseases and others.

Pains and aches supplements have a value of 14% which suggests that a notable prevalence of discomfort among individuals.

Additionally, closely trailing behind is supplement specifically targeted at managing both high blood pressure and high blood sugar, collectively accounting for 12%, which are both categorized under cardiovascular health.

Supplements for immunity and general wellbeing accounts for 7%, digestion supplements have a value of 4%. Not forgetting, dermatological conditions and reproductive and sexual health has a margin of 3%, respectively.

All results of this analysis are present in appendix 2.

Conclusion for Chapter 3

This chapter provides an in-depth exploration of the pharmaceutical market and the manufacturing of herbal supplements derived from medicinal plants native to Nigeria, that were meticulously analyzed through the data obtained from the WAHP and AP.

Furthermore, the chapter offers a comprehensive discussion and comparison of the documentation platforms, either physical or electronic, for medicines and supplements of both Nigeria and Ukraine.

There are also certain acts/laws set in place for the manufacture of medicine with these plants and in Nigeria this law is by the NAFDAC. As for Ukraine, the state expert center of the ministry of health of Ukraine gives acts or laws about the regulation of medicine, supplements and the list of medicinal plants which are can be used

We also observed that from the NAFDAC registered product database, there are currently six modern medicines with medicinal plants as part of the active ingredient. Also, the medicinal market of Ukraine, displayed it large number of medicines produced from medicinal plant of their native flora both by local producers and imported remedies.

We observed that Nigeria has an electronic platform – registered product database, which is run by the regulatory authority of Nigeria, NAFDAC. This platform contains all information about registered medicine, supplements, food, cosmetics, and also medical devices, both imported and manufactured locally.

No doubt, Ukraine has an electronic platform too, but this register is specifically containing registered modern medicines of Ukraine origin.

CONCLUSIONS

1. We analyzed and delved into the brief histories, structures, and differences among the West African herbal pharmacopoeia, African Pharmacopoeia and the state pharmacopoeia of Ukraine. The state pharmacopoeia of Ukraine emphasizes information relevant to the standardization of medicinal plants, reflecting a focused and detailed approach on ensuring consistency and quality of medicinal plants.
2. The West African herbal pharmacopoeia stands out for its comprehensive compilation of medicinal plant information sourced from different articles or research. This approach facilitates easier access for traditional practitioners and modern pharmaceutical institutions.
3. We see the importance of prioritizing the development of national monographs and national flora of Nigeria. Such development is crucial for documenting and preserve the richness of Nigeria's medicinal plant diversity. Furthermore, the pharmaceutical market of both Nigeria and Ukraine were analyzed. It is clearly seen that in the aspect of modern medicine manufacturing from pharmacopoeia medicinal plants, Ukraine has a larger number than Nigeria. This emphasizes that Nigeria has to pay more attention to the production of modern medicine based off her native plant flora contained in their herbal pharmacopoeia.
4. It is also to propose the possibilities of future collaboration between Nigeria and Ukraine for the improvement of Nigeria's national flora. Ukraine's experience in the development and regulation of modern medicines could be used to support Nigeria in strengthening its medicine factors. Both Ukraine and Nigeria, can each adopt their registration platforms for both medicine and herbal supplements. Ukraine can also adopt the Nigerian system of documentation of herbal supplements, this can improve its quality and authenticity.

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SUMMARY

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COMPARATIVE ANALYSIS OF MEDICINAL PLANTS AND MEDICINES
OF PLANT ORIGIN IN NIGERIA AND UKRAINE

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Keywords: medicinal plants, native flora, medicines, pharmaceutical market

Introduction. Medicinal plants and plant-derived medicines are deeply rooted into cultural and traditional practices of the world. Each medicinal plant across different countries and continents, serve so many purposes.

Throughout ages, mankind has been dependent on nature, medicinal plants for their survival. Medicinal plants on the other hand, can be defined as, plants that have one or more organs containing substances that can be used for therapeutic purposes or which are precursors for the synthesis of useful/modern drugs [5].

Nigeria, as a country in West Africa, boasts of its rich endowment with natural resources and huge medicinal plant flora. Ukraine on the other hand, is rich in medicinal plants, such as, valerian, rosehip, tricolour violet, sage, datura, dandelion, oregano, periwinkle, common calamus, etc, and the flora of Ukraine is characterized by great diversity [1].

This study aims to conduct a comprehensive analysis of the medicinal plants indigenous to Nigeria, diving into its utilization, in both modern medicine and food supplements.

Materials and Methods. In this study, we employed two significant pharmacopeia - The West African Herbal Pharmacopeia (WAHP) and the African Pharmacopeia (AP) . The primary objective was to examine monographs of medicinal plants contained within these pharmacopoeias.

Results. Information from the traditional overview of medicinal plants were analyzed and this study shows that 325 species and 95 families are recognized and used for the treatment of various diseases. Cumulatively, in the West African Herbal pharmacopoeia and African pharmacopoeia, there are “226” plant monograph present. And amongst this, only 50 plants which are confirmed to be found and grown in Nigeria are analysed in this study.

Conclusions. This distribution highlights the rich variety of botanical resources in Nigeria that serve for medicinal purposes or as nutritional supplements. But there is poor or no representation of most of these 325 medicinal plants in the pharmacopeias.

As a result of this analysis, it becomes evident that amongst the botanical families of medicinal plants in Nigeria, according to the pharmacopeia used, the *Fabaceae* family stands out prominently. It emerges as the family with the highest number of medicinal plants associated with it. Bearing in mind that *Fabaceae* family is one out of many other botanical families in Nigeria.

APPENDIX

Appendix 1.

Plant origin drugs from pharmacopoeia medicinal plant material in Ukrainian pharmaceutical market

Achillea millefolium (11)	ФІТОГЕПАТОЛ, ФІТУЛВЕНТ ФІТОБАЛЬЗАМ , ДЕТОКСИФІТ, БАЛЬЗАМ "ВІГОР"9, ДЕРЕВІЮ ТРАВА, ГАСТРОФІТ, ГІНЕКОФІТ, РОТОКАН, ВІГОР-САНТО, АПЕТИСТИМ с Вроцлавське підприємство лікарських трав "ГЕРБАПОЛЬ" АТ, ТРАУМЕЛЬ С,
Acorus calamus L.), (12)	БРОНХОФІТ, БРОНХОФІТ, ДЕТОКСИФІТ, АЇРУ КОРЕНЕВИЩА, ЛЕПЕХИ КОРЕНЕВИЩА, ЛЕПЕХИ КОРЕНЕВИЩА, БАЛЬЗАМ "ВІГОР"9, ІМУНОФІТ, ПРОСТАТОФІТ , ГАСТРОФІТ, ГІНЕКОФІТ, ВІГОР-САНТО,
Aconitum napellus (4)	СПАСКУПРЕЛЬ, ГРИП-ХЕЕЛЬ, ЕКСТРАКТ РІДКИЙ КОРЕНЯ БОРЦЮ , ТРАУМЕЛЬ С;
Aesculus hippocastanum (7)	СОЛУМ ОЙЛ, КАШТАНУ НАСІННЯ ЕКСТРАКТ СУХИЙ, ДЕТОКСИФІТ, ВЕНОТОН®, ЕСКУЗАН® ЛОНГ, Еспарма, ЕСКУЛІОС-ЗДОРОВ'Я,
Allium cepa (8)	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН® , УРОНЕФРОН® ,КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, ФІТОЕКСТРАКТ РІДКИЙ;
Allium sativum (1)	ЧАСНИКУ СУШЕНОГО ПОРОШОК
Aloe arborescens Mill. (3)	АЛОЕ ЕКСТРАКТ СУХИЙ, АЛОЕ ЕКСТРАКТ, АЛОЕ ЕКСТРАКТ РІДКИЙ;
АЛТЕЇ КОРЕНЯ СИРОП (10)	БРОНХОФІТ, БРОНХОФІТ, СУХИЙ ЕКСТРАКТ З АЛТЕЇ КОРЕНЯ , МУКАЛТИН (ЕКСТРАКТ АЛТЕЇ ЛІКАРСЬКОЇ), ЛІНКАС, ЛІНКАС ПЛЮС ЕКСПЕКТОРАНТ, МУКАЛТИН, ГАСТРОФІТ, ЕКСТРАКТ АЛТЕЙНОГО КОРЕНЯ СУХИЙ, МІКСТУРА ДИТЯЧА ВІД КАШЛЮ,
Ambrosia artemisiifolia (2)	ОРАЛТЕК (МОНОАЛЕРГЕН), ЛАЙС АМБРОЗІЯ
Anethum graveolens (2)	БАЛЬЗАМ "ВІГОР"9, ВІГОР-САНТО
Arctium lappa (2)	НЕФРОФІТ, ДЕТОКСИФІТ,
Arctostaphylos uva-ursi (2)	НЕФРОФІТ , ДЕТОКСИФІТ,
Arnica montana (4)	ГРИП-ГРАН ДИТЯЧИЙ, СОН-НОРМА, ФЛАМІАР СПАГ. ПІСКА, ТРАУМЕЛЬ С
Artemisia absinthium (5)	ОРАЛТЕК (МОНОАЛЕРГЕН), БАЛЬЗАМ "ВІГОР"9, ГАСТРОФІТ, ВІГОР-САНТО, ДЖЕНТІАНА СТОМАК ГЛОБУЛІ ВЕЛАТІ
Artemisia Argyi (1)	СТИЛЕН
Atropa belladonna (8)	БРОНХАЛІС-ХЕЕЛЬ, БЕЛАДОНІ ЕКСТРАКТ ГУСТИЙ 1,5 % , КРАСАВКИ ЕКСТРАКТ СУХИЙ, АЛЬПЕКІД ДЕНТО, ГРИП-ГРАН ДИТЯЧИЙ, ЕНУРАН; АГРОПІРОН ГЛОБУЛІ ВЕЛАТІ, ТРАУМЕЛЬ С
Avena sativa (2)	ВЕНОТОН®, НОТТА®
Bellis perennis (2)	ФЛАМІАР СПАГ. ПІСКА, ТРАУМЕЛЬ С
Berberis (3)	ДИСКУС КОМПОЗИТУМ, РЕСТРУКТА ПРО ІН'ЕКЦІОНЕ С, СОЛДАГО КОМПОЗИТУМ С;
Betula pendula (13)	ОРАЛТЕК (МОНОАЛЕРГЕН), ГАЛУМ-ХЕЕЛЬ, СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, ПРОСТАТОФІТ, УРОХОЛУМ®, ФІТОЕКСТРАКТ РІДКИЙ, ЛАЙС БЕРЕЗА;
Bidentis herba (4)	НЕФРОФІТ, ДЕТОКСИФІТ, ПРИЧЕПИ ТРАВА, ПРИЧЕПИ ТРАВА

Bryonia	БРОНХАЛІС-ХЕЕЛЬ, НУКС ВОМІКА-ГОМАКОРД, ГРИП-ХЕЕЛЬ, РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С,
Calamagrostis epigeios	ПРОТЕФЛАЗІД®; ПРОТЕФЛАЗІД, ФЛАВОВІР®, ПРОТОЙЛ
Calendulae flores	ФІТОГЕПАТОЛ , КАЛЕНДУЛИ НАСТОЙКА, БРОНХОФІТ, ГЕПАТОФІТ, ГАСТРОФІТ, ГІНЕКОФІТ, РОТОКАН, ХОЛЕЛЕСАН®; КАЛЕНДУЛИ КВІТКИ, ТРАУМЕЛЬ С, КАЛЕНДУЛА – ВІШФА,
Caltha palustris	ГАЛІУМ-ХЕЕЛЬ
Capsella bursa pastoris	НЕФРОФІТ, ГІНЕКОФІТ,
Capsicum annum	СОЛДАГО КОМПЗИТУМ С
Sennae folia Cassia angustifolia	СЕНИ ЛИСТЯ, СЕНИ ЛИСТЯ ЛІСТЯ (СУБСТАНЦІЯ)
Centaurium erythraea Rafn. s.l	ЕКСТРАКТ РІДКИЙ (1:16) З ЛІКАРСЬКОЇ РОСЛИННОЇ СИРОВИНИ: ЗОЛОТОТІСЯЧНИКА ТРАВИ (HERBA CENTAURII), РОЗМАРИНУ ЛІКАРСЬКОГО ЛІСТЯ (FOLIA ROSMARINI OFFICINALIS), ЛЮБИСТКУ ЛІКАРСЬКОГО КОРЕННЯ (RADIX LEVISTICI OFFICINALIS) (1:1:1), НЕФРОДОЛ®, ТРИНЕФРОН-ЗДОРОВ'Я, КАНЕФРОН® Н,
Cetraria	ІСЛА-МООС, ІСЛА-МІНТ
Chelidonii herba	ДЕТОКСИФІТ, ЧИСТОТІЛУ ТРАВА, ПРОСТАТОФІТ, ВЕНОТОН®, ГІНЕКОФІТ,
Cichorium intybus	БОНДЖИГАР
Cimicifuga racemosa	СІМІДОНА УНО, СІМІДОНА ФОРТЕ, ДИСКУС КОМПЗИТУМ, КЛІМАДИНОН®таблетки, ін'єкцій КЛІМАДИНОН®, СОН-НОРМА, ВЕС-НОРМА, КЛІМАКТО-ГРАН, МУЛІМЕН
Cinnamomum camphora	ДОЛГІТ® ГІРСЬКА СОСНА, ВІКС АКТИВ БАЛЬЗАМ З МЕНТОЛОМ ТА ЕВКАЛІПТОМ, ПРОКТАН®, КАМФОРНИЙ СПИРТ- ВІШФА, ТОНГІНАЛ®
Cinnamomum cassia	ПШКОСЕН®, КОРИЧКА,
Citrullus colocynthis	НУКС ВОМІКА-ГОМАКОРД, СПАСКУПРЕЛЬ, ДИСКУС, СПАСКУПРЕЛЬ,
Clematis recta	ТОКСЕКС СПАГ. ПЕКА, ГАЛІУМ-ХЕЕЛЬ, ПРОСТАТОН,
Colchicum autumnale	КОЛХІКУМ-ДИСПЕРТ, РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С, ТИРЕОІДЕА КОМПЗИТУМ, КОЛХІЦІН ЛІРКА
Conium	ТИРЕОІДЕА КОМПЗИТУМ, ІПРЕС СПАГ. ПЕКА, МАСТО-ГРАН,
Convallaria	КОРГЛІКОН , РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С,
Coriandrum sativum	ІНТЕЛЛАН, ФІТОСЕД®,
Corylus	ВЕНОТОН®,
Crataegi fructus	РЕКАРДИН ФОРТЕ, КАРДІОСЕД, КРАЛОНІН, ЦЕФАВОРА, ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, ГЛОДУ ЛІСТЯ І КВІТКИ, СЕДАФІТОН®, ФІТУЛВЕНТ ФІТОБАЛЬЗАМ, СЕДАФІТОН®; НЕОКАРДИЛ, КОР СУІС КОМПЗИТУМ Н, КАРДІОВІОЛ® СЕРЦЕВІ КРАПЛІ, РЕЛАКАРДИН СЕРЦЕВІ КРАПЛІ, ГЛОД-ВІШФА, ГЛОДУ ЛІСТЯ ТА КВІТОК ЕКСТРАКТ СУХИЙ
Cyclamen europaeum	УПЕЛВА СПАГ. ПЕКА,
Cynara cynara scolymus cardunculus L.	АРТИШОК, ГЕКОКУР СПАГ. ПЕКА, АРТИШОКУ СУХИЙ ЕКСТРАКТ 2 % ЦИНАРИН, ЕВЕАР, ЦИНАРІКС;
Cucurbita pepo	ГРАНУФІНК® ПРОСТА, ГРАНУФІНК® УРО, РЕМЕНСУРО,
Curcuma longa	КУРКУМІН С3 КОМПЛЕКС, КУРКУМИ ДОВГОЇ ОЛІЯ (ТУРМЕРОНОВА ОЛІЯ), АРТИШОКА ЕКСТРАКТ-ЗДОРОВ'Я
Datura stramonium	УПЕЛВА СПАГ. ПЕКА,
Daucus carota L.	УРОХОЛУМ®, ХОЛЕЛЕСАН®;
Deschampsia caespitosa	ПРОТЕФЛАЗІД® супозиторії; ПРОТЕФЛАЗІД рідкий екстракт (СУБСТАНЦІЯ), ФЛАВОВІР®, ПРОТОЙЛ

(<i>Echinacea purpurea</i> Moench);	ТОКСЕКС СПАГ. ПСКА, ГАЛУМ-ХЕЕЛЬ, ЕХІНАЦЕЇ ПУРПУРОВОЇ КОРЕНЕВИЩ З КОРЕНЬМИ СВІЖИХ НАСТОЙКА, ЕХІНАЦЕЇ ПУРПУРОВОЇ НАСТОЙКА, ЕХІНАЦЕЯ ФАРКОС, ІМУНОФІТ, РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С, ІМУНОВЕЛ®, ІПРЕС СПАГ. ПСКА, ІНФРАГІЛ СПАГ. ПСКА, ТРАУМЕЛЬ С, ІМУНОПЛЮС , ЕХІНАЦЕЯ
<i>Eleutherococcus senticosus</i>	ЕЛЕУТЕРОКОКУ ЕКСТРАКТ РІДКИЙ, АРФАЗЕТИН, ЕЛЕУТЕРОКОКУ ЕКСТРАКТ, ІМУНОПЛЮС, ЕЛЕУТЕРОКОКУ КОРЕНЕВИЩА З КОРЕНЬМИ
<i>Elytrigia repens</i>	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН® сироп 9, УРОНЕФРОН® краплі, УРОНЕФРОН® gel 9, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, ФІТОЕКСТРАКТ РІДКИЙ, АГРОПІРОН ГЛОБУЛІ ВЕЛАТІ
<i>Equiseti arvensis</i> (13)	СОЛУМ ОЙЛ, СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН® сироп 9, УРОНЕФРОН® краплі, УРОНЕФРОН® gel 9, УРОНЕФРОН® таблетки9, КОНЦЕНТРАТ З 9 РОСЛИН, НЕФРОФІТ збір12, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, ДЕТОКСИФІТзбір 21, АРФАЗЕТИН , УРОХОЛУМ®, ФІТОЕКСТРАКТ РІДКИЙ,
<i>Equisetum hiemale</i>	СОЛІДАГО КОМПОЗИТУМ С
<i>Eucalyptus viminalis</i> (11)	ЕВКАЛПТУ ЛИСТЯ, ХЛОРОФІЛПТУ ЕКСТРАКТ ГУСТИЙ, ІНСТІ ЗІ СМАКОМ ЛИМОНА, ЕВКАЛПТУ ЛИСТЯ, ЕВКАЛПТА ЛИСТЯ, ВІКС АКТИВ БАЛЬЗАМ З МЕНТОЛОМ ТА ЕВКАЛПТОМ, ОЛІЯ ЕВКАЛПТОВА, РЕКТИФІКОВАНА, ХЛОРОФІЛПТ , ЕВКАФІЛПТ®, ФАРМАЗОЛІН® З М'ЯТОЮ ТА ЕВКАЛПТОМ; ІЛОН® КЛАСІК
<i>Eupatorium cannabinum</i>	БРОНХО ПЛАНТАГО ГЛОБУЛІ ВЕЛАТІ
<i>Foeniculum vulgare</i>	ІНСТІ ЗІ СМАКОМ ЛИМОНА, АПЕТИСТИМ
<i>Fucus vesiculosus</i> L	ВЕС-НОРМА,
<i>Galega</i>	ГЕПАТОФІТ,
<i>Galium aparine</i>	ТОКСЕКС СПАГ. ПСКА, ГАЛУМ-ХЕЕЛЬ, ТИРЕОІДЕА КОМПОЗИТУМ, ІПРЕС СПАГ. ПСКА,
<i>Galium mollugo</i>	ГАЛУМ-ХЕЕЛЬ
<i>Gentiana lutea</i>	СИНУПРЕТ, СИНУПРЕТ® ЕКСТРАКТ, ФРИНОЛ, ДЖЕНТІАНА СТОМАК ГЛОБУЛІ ВЕЛАТІ,
<i>ginkgo biloba</i> L (11)	БІЛОБІЛ® ІНТЕНС, ГІНКОР ФОРТ, ЦЕФАВОРА, БІЛОБІЛ®, НЕОКАРДИЛ, ГІНКГО ЕКСТРАКТ СУХИЙ, ТЕБОКАН, МЕМОРІН® НЕО, ГІНКГО ЕКСТРАКТ СУХИЙ, ІНТЕЛЛАН, ГІНКГОБА,
<i>Glechoma hederace</i>	ТОКСЕКС СПАГ. ПСКА
<i>Glycyrrhiza glabra</i> L. (16)	СОЛОДКИ КОРЕНЯ СИРОП, БРОНХОФІТ, АНТИФРОНТ, ІНСТІ ЗІ СМАКОМ ЛИМОНА, ЛІНКАС, , ЛІНКАС ПАСТИЛКИ, ЛІНКАС ПЛЮС ЕКСПЕКТОРАНТ, БРОНХОФІТ, ДЕТОКСИФІТ, ІМУНОФІТ , ГАСТРОФІТ, СОЛОДКИ КОРЕНІ, СОЛОДКИ КОРЕНЯ СИРОП, ЕКСТРАКТ СОЛОДКОВОГО КОРЕНЯ СУХИЙ, БОНДЖИГАР; МІКСТУРА ДИТЯЧА ВІД КАШЛЮ,
<i>Hedera helix</i> L., (14)	ПРОСПАН® РОЗЧИН ВІД КАШЛЮ ,ГАЛУМ-ХЕЕЛЬ, ГЕДЕЛИКС® СИРОП ВІД КАШЛЮ, ГЕДЕРИН, ПЛЮЩА ЗВИЧАЙНОГО ЛИСТЯ ЕКСТРАКТ СУХИЙ, ПЛЮЩА ЗВИЧАЙНОГО ЛИСТЯ, РІТОССЕ® ПЛЮЩ, СИРОП ВІД КАШЛЮ ДР. ТАЙССА З ЕКСТРАКТОМ ПЛЮЩА, ГЕРБАЛОР ПЛЮЩ ПРОТИ КАШЛЮ, ПЛЮЩА СИРОП, ПЛЮЩА ЛИСТЯ ЕКСТРАКТ СУХИЙ, ІВІТУСІН, ХЕДЕРАЛ® ПЛЮЩ, ПРОСПАН® СИРОП ВІД КАШЛЮ;
<i>Helianthus tuberosus</i>	ТОПНАМБУРУ БУЛЬБИ
<i>Helichrysum arenarium</i>	БЕРОЗ, ГЕПАТОФІТ ,ФЛАМІН, ГАСТРОФІТ, ХОЛЕЛЕСАН®;
<i>Hibiscus</i>	ГІБІСКУСУ ЕКСТРАКТ СУХИЙ "ELLIROSE"
<i>Hieracium pilosella</i>	ПЛОЗЕЛЛА КОМПОЗИТУМ
<i>Hippophae rham</i>	ОБЛІПІХОВА ОЛІЯ

Holcus lanatus	ЛАЙС ТРАВИ
Hydrastis Canadensis	ОВАРІУМ КОМПОЗИТУМ
Hyoscyamus niger	БРОНХАЛІС-ХЕЕЛЬ
Hyperici herba (12)	БЕРОЗ, ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, ФІТУЛВЕНТ ФІТОБАЛЬЗАМ, ДЕТОКСИФІТ, АРФАЗЕТИН, ГАСТРОФІТ, ЗВІРОБОЮ ТРАВА, УРОХОЛУМ®, ГІНЕКОФІТ, УПЕЛВА СПАГ. ПЕКА, ТРАУМЕЛЬ С, РЕМОТІВ,
Hyssop	ЛІНКАС, ЛІНКАС ПАСТИЛКИ
Humulus lupulus L. (7)	ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, ХМЕЛЮ ШИШОК СУХИЙ ЕКСТРАКТ (НОР STROBILE DRY EXTRACT), ДЕТОКСИФІТ, ХМЕЛЮ ШИШКИ, УРОХОЛУМ®, АЛЛУНА, РЕМЕНСУРО;
Inulae rhizomata et radices	БРОНХОФІТ, БРОНХОФІТ, ІМУНОФІТ , ОМАНУ КОРЕНЕВИЩА І КОРЕНІ
Juniperi communis	ГАЛІУМ-ХЕЕЛЬ
Juglans regia	ІПІРЕС СПАГ. ПЕКА,
Lamium album	ХЕСУП СПАГ. ПЕКА,
Larix	ЛЛОН® КЛАСІК
Lavandula longifolia	СОЛУМ ОЙЛ, ЛАЗЕЯ
Ledum palustre	ТОКСЕКС СПАГ. ПЕКА, ДИСКУС КОМПОЗИТУМ, ФЛАМІАР СПАГ. ПЕКА,
Leonuri herba	ФІТОСЕДАН, ФІТОСЕД®, РЕКАРДИН ФОРТЕ, КАРДІОСЕД, ПУСТИРНИКА НАСТОЙКА, СЕДАФІТОН® краплі оральні, СЕДАФІТОН® таблетки; ПУСТИРНИК, ДЕТОКСИФІТ, ПРОСТАТОФІТ, КАРДІОВІОЛ® СЕРЦЕВІ КРАПЛІ, РЕЛАКАРДИН СЕРЦЕВІ КРАПЛІ, ПУСТИРНИК-ВІШФА,
Levistici Radix	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН® сироп 9, УРОНЕФРОН® краплі, УРОНЕФРОН® gel 9, УРОНЕФРОН® таблетки 9, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, ЕКСТРАКТ РІДКИЙ (1:16) З ЛІКАРСЬКОЇ РОСЛИННОЇ СИРОВИНИ: ЗОЛОТОТИСЯЧНИКА ТРАВИ (HERBA CENTAURII), РОЗМАРИНУ ЛІКАРСЬКОГО ЛИСТЯ (FOLIA ROSMARINI OFFICINALIS), ЛЮБИСТКУ ЛІКАРСЬКОГО КОРЕНЯ (RADIX LEVISTICI OFFICINALIS) (1:1:1) 3, ТРИНЕФРОН-ЗДОРОВ'Я, НЕФРОДОЛ®, ФІТОЕКСТРАКТ РІДКИЙ, КАНЕФРОН® Н
Leuzeae carthamoides	БАЛЬЗАМ "ВІГОР"9, ІМУНОФІТ , ВІГОР-САНТО,
Lycopodium clavatum	ГЕКОКУР СПАГ. ПЕКА, НУКС ВОМІКА-ГОМАКОРД, ВЕС-НОРМА,
Malva sylvestris	ГЕРБІОН® СИРОП ПОДОРОЖНИКА КРКА
Marrubium vulgare	ІНФРАГІЛ СПАГ. ПЕКА, АПЕТИСТИМ
Matricaria officinalis (21)	БЕРОЗ, ФІТОГЕПАТОЛ, РОМАШКИ КВІТОК НАСТОЙКА, БРОНХОФІТ, НЕФРОФІТ, ФІТУЛВЕНТ ФІТОБАЛЬЗАМ, БРОНХОФІТ, СПІ ДЕТОКСИФІТ, СПАСКУПРЕЛЬ, ПРОСТАТОФІТ, АРФАЗЕТИН , АЛЬПЕКІД ДЕНТО, СПАСКУПРЕЛЬ , ГАСТРОФІТ, РЕКУТАН, НОТТА®, ГІНЕКОФІТ, РОТОКАН, ДАНТІНОРМ БЕБІ®, РОМАШКИ КВІТКИ, ТРАУМЕЛЬ С
Melilotus officinalis (L.) Lam.	ФІТОСЕДАН, БУРКУНУ ТРАВА, ДЕТОКСИФІТ, ПРОСТАТОФІТ, ГАСТРОФІТ, ВЕНОТОН®,
Melissae siccum	БЕЛІСА, КАРДІОСЕД, ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, АНТИФРОНТ, МЕЛІСИ ЛІКАРСЬКОЇ ЕКСТРАКТ СУХИЙ, РЕЛАКСИЛ капсули тверді, СЕДАСЕН ФОРТЕ, БЕЛІСА; АПЕТИСТИМ
Mentha x piperita L. (26)	ФІТОГЕПАТОЛ , КОРВАЛОЛ®, КОРВАЛОЛ® К, КОРВАЛОЛ-ДАРНИЦЯ®, КОРВАЛАЗИД, БРОНХОФІТ, НЕФРОФІТ, ОЛІЯ М'ЯТИ ПЕРЦЕВОЇ, ПОДВІЙНОЇ РЕКТИФІКАЦІЇ, ВАЛЕКАРД-ЗДОРОВ'Я, М'ЯТИ ПЕРЦЕВОЇ ЕКСТРАКТ СУХИЙ, БРОНХОФІТ, ДЕТОКСИФІТ, БАЛЬЗАМ "ВІГОР"9, ДОЛГІТ® ГІРСЬКА СОСНА, РЕЛАКСИЛ, ГАСТРОФІТ, СЕДАСЕН ФОРТЕ, ВІКС АКТИВ БАЛЬЗАМ З МЕНТОЛОМ ТА ЕВКАЛІПТОМ, УРОХОЛУМ® , ВІГОР-САНТО, ХОЛЕЛЕСАН®; КАРДІОВІОЛ® СЕРЦЕВІ КРАПЛІ , ФАРМАЗОЛІН® З М'ЯТОЮ ТА

	ЕВКАЛПТОМ, КОМПЛЕКС ОЛІЇ М'ЯТИ З В-ЦИКЛОДЕКСТРИНОМ, М'ЯТИ ПЕРЦЕВОЇ ЛИСТЯ, М'ЯТИ ПЕРЦЕВОЇ НАСТОЙКА,
Menyanthes trifoliata (2)	БАЛЬЗАМ "ВІГОР"9, ВІГОР-САНТО,
Ocimum basilicum	ЛІНКАС ПЛЮС ЕКСПЕКТОРАНТ
Ononidis spinosa	ГАЛУМ-ХЕЕЛЬ,
Origanum vulgare L.	ФІТОСЕДАН, БЕЛІСА, ГІНЕКОФІТ, БЕЛІСА;
Orthosiphonis staminei	УРОХОЛУМ®, ОРТОСИФОНА ЛИСТЯ, СОЛДАГО КОМПОЗИТУМ С
Paeoniae anomale	РЕКАРДИН ФОРТЕ, ПІВОНІЇ НАСТОЙКА,
Panax ginseng	ЖЕНЬШЕНЮ КОРЕНІ
Papaver somniferum	МОРФІНУ ГІДРОХЛОРИД, МОРФІН КАЛЦЕКС, ОРАМОФ, МОРФІНУ СУЛЬФАТ, МОРФІН-ЗН, ДАЦЕПТОН®, ОМНОПОН НЕО, РЕНГАЛІН, ДРОПІЗОЛ, НАЛТРЕКСОНУ ГІДРОХЛОРИД
Passiflora incarnata	БЕЛІСА, ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, ПЕРСЕН® НАЙТ, СПАСКУПРЕЛЬ розчин для ін'єкцій, СПАСКУПРЕЛЬ, БІОСОН, БЕЛІСА; СУХИЙ ЕКСТРАКТ ПАСИФЛОРИ,
Pelargonium sidoides	УМКАЛОР®, ПЕЛОРСІН® Сироп, ЕКСТРАКТ СУХИЙ З КОРЕНІВ ПЕЛАРГОНІЇ ОЧИТКОВОЇ екстракт, ПЕЛАРГОНІЇ КОРЕНІВ ЕКСТРАКТ СУХИЙ, РЕЗІСТОЛ®-ТАБ,
Petroselinum crispum	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ РІДКИЙ,
Phaseolus vulgaris	КВАСОЛІ СТУЛКИ ПЛОДІВ, ГЕПАТОФІТ, АРФАЗЕТИН,
Phleum pratense	ЛАЙС ТРАВИ
Pini gemmae	ДЕТОКСИФІТ, ВІКС АКТИВ БАЛЬЗАМ З МЕНТОЛОМ ТА ЕВКАЛПТОМ, ОЛІЯ СОСНИ ЗВИЧАЙНОЇ, РЕКТИФІКОВАНА, ГРИПОЦИТРОН БАЛЬЗАМ, ІЛОН® КЛАСІК
Pinus mugo	ДОЛГІТ® ГІРСЬКА СОСНА розчин нашкірний
Plantaginis majoris folia	НЕФРОФІТ, СТОПТУСИН ФІТО-ТЕВА, ПОДОРОЖНИКА СІК, ХЕСУП СПАГ. ПЕКА
Plantago lanceolata	ГЕРБІОН® СИРОП ПОДОРОЖНИКА КРКА, ПОДОРОЖНИКА СИРОП, БРОНХО ПЛАНТАГО ГЛОБУЛІ ВЕЛАТІ
Plantago Psyllium L	ПОДОРОЖНИКА СІК,
Poa pratensis	ЛАЙС ТРАВИ
Polygoni avicularis	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, УРОХОЛУМ®, ФІТОЕКСТРАКТ РІДКИЙ,
Polygoni hydropiper	ПЕРЦЮ ВОДЯНОГО ЕКСТРАКТ,
Potentilla anserina	ХЕСУП СПАГ. ПЕКА,
Primula veris L.	СИНУПРЕТ®, ГЕРБІОН® СИРОП ПЕРВОЦВІТУ, СИНУПРЕТ® ЕКСТРАКТ, ФРИНОЛ, БРОНХОСОЛ
Pueraria lobata (Willd.) Ohwi	НЕОКАРДИЛ капсули3,
Pulsatilla pratensis	ГАСТРИКУМЕЛЬ, ОВАРІУМ КОМПОЗИТУМ, ДИСКУС КОМПОЗИТУМ, АЛЬПЕКІД ДЕНТО, ТИРЕОІДЕА КОМПОЗИТУМ,
Quercus robur L.	ФІТУЛВЕНТ ФІТОБАЛЬЗАМ, БАЛЬЗАМ "ВІГОР"9, ВІГОР-САНТО,
Raphanus sativus	БОНДЖИГАР
Rauwolfia vomitoria	РАУВОЛЬФІЇ ЕКСТРАКТ (СУМА АЛКАЛОЇДІВ РАУВОЛЬФІЇ), РАУНАТИН-ЗДОРОВ'Я,
Rheum	ЛЯНЬХУА ЦІНВЕНЬ ФОРТЕ, ДАНТІНОРМ БЕБІ®,
Rhodiola	ВІТАНГО, ЛЯНЬХУА ЦІНВЕНЬ ФОРТЕ

<i>Rhus toxicodendron</i>	РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С, РЕМЕНСУРО
<i>Ricinus communis</i>	РИЦИНОВА ОЛІЯ,
<i>Rosae fructus</i>	ГЕПАТОФІТ, ДЕТОКСИФІТ, ІМУНОФІТ, АРФАЗЕТИН , ГАСТРОФІТ, ХОЛОСАС – ТЕРНОФАРМ,
<i>Rosmarinus officinalis</i> L. (7)	ЕКСТРАКТ РІДКИЙ (1:16) З ЛІКАРСЬКОЇ РОСЛИННОЇ СИРОВИНИ: ЗОЛОТОТИСЯЧНИКА ТРАВИ (HERBA CENTAURII), РОЗМАРИНУ ЛІКАРСЬКОГО ЛИСТЯ (FOLIA ROSMARINI OFFICINALIS), ЛЮБИСТКУ ЛІКАРСЬКОГО КОРЕНЯ (RADIX LEVISTICI OFFICINALIS) (1:1:1), НЕФРОДОЛ®, ТРИНЕФРОН-ЗДОРОВ'Я, КАНЕФРОН® Н,
<i>Rumex crispus</i>	СИНУПРЕТ®, СИНУПРЕТ® ЕКСТРАКТ,
<i>Ruta graveolens</i>	ФЛАМІАР СПАГ. ПЕКА;
<i>Salix alba</i>	ІНСТІ ЗІ СМАКОМ ЛИМОНА, РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С,
<i>Salvia officinalis</i> (8)	БЕЛІСА, БРОНХОФІТ, БРОНХОФІТ, ПРОСТАТОФІТ, ГАСТРОФІТ, БЕЛІСА; ШАВЛІЇ ЛИСТЯ, ШАВЛІЇ НАСТОЙКА
<i>Sambuci nigrae flores</i> (9)	БРОНХОФІТ, СИНУПРЕТ®, ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, НЕФРОФІТ, БРОНХОФІТ, ГАСТРОФІТ, УРОХОЛУМ®, СИНУПРЕТ® ЕКСТРАКТ, ФРИНОЛ
<i>Saponaria</i>	ГАЛІУМ-ХЕЕЛЬ,
<i>Scrophularia nodosa</i>	ТИРЕС СПАГ. ПЕКА,
<i>Sedum</i>	ГАЛІУМ-ХЕЕЛЬ, ТИРЕОІДЕА,
SEMPERVIVUM TECTORUM	ГАЛІУМ-ХЕЕЛЬ, ТИРЕОІДЕА КОМПЗИТУМ,
<i>Silybum marianum</i> L (7)	РОЗТОРОПШ ПЛОДИ, ГЕПАТОФІТ, СИЛБОР 35, СИЛМАРИН, РОЗТОРОПШ СУХИЙ ЕКСТРАКТ, ОЧИЩЕНИЙ І СТАНДАРТИЗОВАНИЙ, КАРСИЛ®АТ "Софарма",
<i>Solanum nigrum</i>	БОНДЖИГАР
<i>Solidago virgaurea</i> (9)	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН® , УРОНЕФРОН®, УРОНЕФРОН®, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, , ФІТОЕКСТРАКТ РІДКИЙ, РЕСТРУКТА ПРО ІН'ЄКЦІОНЕ С, СОЛІДАГО КОМПЗИТУМ С;
<i>Sophorae japonicae</i>	ПРОСТАТОФІТ, ГАСТРОФІТ, ВЕНОТОН®,
<i>Sorbus aucuparia</i>	ВЕНОТОН®,
<i>Stevia</i>	СТЕВІЇ ЛИСТЯ
<i>Symphytum officinale</i>	ЖИВОКОСТ; ТРАУМЕЛЬ С;
<i>Tanacetum vulgare</i>	ФІТОГЕПАТОЛ збір 5,
<i>Taraxacum officinale</i>	ГЕКОКУР СПАГ. ПЕКА, НЕФРОФІТ, ГЕПАТОФІТ, ДЕТОКСИФІТ, ІМУНОФІТ , АГРОПІРОН ГЛОБУЛІ ВЕЛАТІ, ДЖЕНТІАНА СТОМАК ГЛОБУЛІ ВЕЛАТІ,
<i>Termopsis lanceolata</i>	ЕКСТРАТЕРМ®,
<i>Thea cinensis</i>	АНТИФРОНТ, ІНСТІ ЗІ СМАКОМ ЛИМОНА;
(<i>Thuja occidentalis</i> L.);	ГАЛІУМ-ХЕЕЛЬ, ПРОСТАТОН,
<i>Thymus serpyllum</i>	ФІТОСЕДАН, БРОНХОФІТ, СТОПТУСИН ФІТО-ТЕВА, ФІТУЛВЕНТ ФІТОБАЛЬЗАМ, БРОНХОФІТ ,
<i>Thymus vulgaris</i> , (6)	ГЕРБІОН® СИРОП ПЕРВОЦВІТУ, СТОПТУСИН ФІТО-ТЕВА, ТИРЕОІДЕА КОМПЗИТУМ, ЛАЗОФІТО, ЧЕБРЕЦІЮ ТРАВА, БРОНХОСОЛ;
<i>Tilia cordata</i> Millser (7)	БЕЛІСА, БРОНХОФІТ, БРОНХОФІТ, БАЛЬЗАМ "ВІГОР"9, МАЛПІН®, БЕЛІСА; ВІГОР-САНТО,
<i>Tribulus terrestris</i>	ВЕРОНА
<i>Trigonella foenum graecum</i> (9)	СУХИЙ ЕКСТРАКТ З 9 РОСЛИН, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, УРОНЕФРОН®, КОНЦЕНТРАТ З 9 РОСЛИН, ФІТОЕКСТРАКТ ГУСТИЙ (З КОНСЕРВАНТОМ) 9, ФІТОЕКСТРАКТ РІДКИЙ, ВІВАБОН,

Urtica dioica (5)	БРОНХОФІТ, БРОНХОФІТ, ГЕПАТОФІТ, ПРОСТАТОФІТ, ГАСТРОФІТ;
Urtica urens	ГАЛІУМ-ХЕЕЛЬ, МУЛІМЕН.
Vaccinii myrtilli	АРФАЗЕТИН,
Valeriana (31)	ФІТОСЕДАН , РЕКАРДИН ФОРТЕ, ВАЛЕРІАНИ КОРЕНІВ ПОРОШОК, ВАЛЕРІАНИ ЕКСТРАКТ СУХИЙ, КАРДІОСЕД, ВАЛЕРІАНИ НАСТОЙКА, ЕКСТРАКТ СКЛАДНИЙ ЗАСПОКІЙЛИВИЙ, ПЕРСЕН® НАЙТ, КОРВАЛОЛ-ДАРНИЦЯ®, ВАЛЕКАРД-ЗДОРОВ'Я, СЕДАФІТОН®, ФІТУЛВЕНТ ФІТОБАЛЬЗАМ, ІНСТІ ЗІ СМАКОМ ЛИМОНА, СЕДАФІТОН®; ВАЛЕРІАНИ 0,8 % СУХИЙ ВОДНО-СПИРТОВИЙ ЕКСТРАКТ, ЕКСТРАКТ ВАЛЕРІАНИ ВОДНО-СПИРТОВИЙ СУХИЙ, ДЕТОКСИФІТ, ВАЛЕРІАНИ КОРЕНЕВИЦА З КОРЕНЯМИ, Мейсон, ВАЛЕРІАНИ КОРЕНЕВИЦА З КОРЕНЯМИ, РЕЛАКСИЛ, СЕДАСЕН ФОРТЕ, НОКСОН, ВАЛЕРИКА, КОРВАЛАЗИД, ВАЛЕМОНТ КАРДІТАБ® ІС ФІТО, КАРДІТАБ® ІС ФІТО, КАРДІОВІОЛ® СЕРЦЕВІ КРАПЛІ, АЛЛУНА, РЕЛАКАРДИН СЕРЦЕВІ КРАПЛІ, ВАЛЕРІАНКА-ВІШФА,
Veratrum album	СПАСКУПРЕЛЬ, СПАСКУПРЕЛЬ, СТРЕС-ГРАН
Verbena	СИНУПРЕТ®, СИНУПРЕТ® ЕКСТРАКТ, ФРИНОЛ
Viburnum opulus	УПЕЛВА СПАГ. ПСКА
Vinca minor	ДЕТОКСИФІТ, ВІНКАМІН, ГІНЕКОФІТ;
Vincetoxicum hircundinaria	ІНФРАГІЛ СПАГ. ПСКА
Viola herba	ФІАЛКИ ТРАВА
Viola odorata	ІНСТІ ЗІ СМАКОМ ЛИМОНА, ЛІНКАС, ЛІНКАС БЕЗ ЦУКРУ, ЛІНКАС ПАСТИЛКИ
Vitex agnus- cactus	ПРЕФЕМІН
Viscum album	ЦЕФАВОРА, ТИРЕОІДЕА КОМПОЗИТУМ, ФЛАМІАР СПАГ. ПСКА
Zea maydis styli cum stigmatis	НЕФРОФІТ, ГЕПАТОФІТ, КУКУРУДЗЯНІ РИЛЬЦЯ Мейсон, УРОХОЛУМ®;
Zingiber officinale	АНТИФРОНТ

Supplements of pharmacopoeia medicinal plants in Nigeria.

Latin/English Name	Product	Composition	Indication	Applicant
Abrus Precatorious/ Rosary Pea	1. Alayo Herbs Cough Medicine	1. "Abrus Precatorious 30%", Syzygium Guineense 20%, Water QS	1. Used to relief Cough and sore throat.	1. Rolab Nigeria Enterprises.
Acacia Nilotica/ Gum Arabica tree	1. De-Prince Herbal mixture 2. Geszin Capsule	1. Cassia Fistula 10%, Anthocleista Vogelii 15%, " Acacia Nilotica 20% ", Water QS; 2. Mormodica Balsaimina 25%, " Acacia Nilotica 25% ", Adansonia Digitata 25%, Anisopus Mannii 25%.	1. Used to clean the colon 2. 2. Used for the relief of stomach ache.	1. Falax Nigeria Limited; 2. 2. Rahma Integrated concepts Ltd.
Ageratum Conyzoides/ Goat weed	1. Rebofla Herbal Capsules 2. Kando Herbla Balm 3. Ogunall Herbal Remedy	1. Alstonia Boonei roots 200Mg, Hilleria latifolia 200mg, " Ageratum Conyzoides 100mg "; 2. Butyrospermum Paradoxum(Shea Butter) 53%, Physalis Angulata (Leaf)17%, Vernonia Amygdalina(Leaf)15%, " Ageratum Conyzoides(Leaf)15% "; 3. Ocimum Gratissimum 9%, " Ageratum Conyzoides 0-0,2% ", Alcohol 1%, Palm oil 90%.	1. Help in the management of feverish conditions; 2. Used for the relief of joint and body pain; 3. Used for dressing and cleaning of wounds, cut and sores.	1. Camvacon Nig. Ltd. 2. Topkem Kando Enterprises; 3. Bevert Gedu Chemical Company
Alchornea Cordifolia/ Christmas Bush	1. Fitila Herbal Capsule 2. Ibaevin Herbal Powder	1. " Alchornea Cordifolia (Root)100% " 2. Annona Senegalensis 30g, " Alchornea Cordifolia 18g "	1. Used to promote healthy vision; 2. Used as colon cleanser.	1. Holy Peace Herbal Ventures; 2. Vinca Natural Product Limited
Allium Sativum/ Garlic	1. Koju Herbal Mixture	1. Xylophia Aethiopica Root 3.5%, Securidaca Longepedunculata Bark 5.5%, Mangifera	1. Management Of Pile	1. Koju Trado medical Nigeria

		Indica Bark 7.5%, “ Allium Sativum seed 8.5% ”, Citrus Aurantifolia Root 9.5%, Morinda Lucida Seed 10.5%, Saccharum Officinarum Bark 25%, Water Qs.		
	2. Dr Nwakors Goody Cleanser	2. Citrus Aurantifolia leaves 13%, Vernonia Amygdalina Leaves 12%, Saccharum Officinarum Leaves 11.5%, “ Allium Sativum 10.5% ”, Caramel 1.5%, Water QS	2. Used in Body cleansing	2. Dr Nwakor’s 7Keys Nig. Ltd.
	3. Taam Herbal Mixture	3. Citrus Limon 80%, Allanthus Altissima 15%, Allium Cepa 1.5%, Lycopersicon Esculentum 1.5%, Anthiocleista Ajalonensis 1%, “ Allium Sativum 0.5% ”, Zingiber Officinale 0.5%	3. Used As A Herbal Cleanser	3. Ashifau-Haqi Nigeria.
	4. Alberchin Herbal Cleanser	4. Allium Sativum, Zingiber Officinale, Sorghum Bicolor, Mangifera Indica, Brysocarpus Coccineus	4. Used as a Herbal Cleanser	4. Alberchin Herbal Cure Ltd.
	5. Antibes Herbal Mixture	5. Vernonia Amygdalina 4%, “ Allium Sativum 2% ”, Ocimum Sanctum 4%, Momordica Charantia 8%, Water QS.	5. Management Of High Blood Sugar.	5. Exfo Herbal Mega-Crae Ltd.
	6. Natura House Garlic Aglio (Allium Sativum)	6. “ Allium Sativum 79% ” in Soyabean and Rape seed oil, Alementary Jelly. Glycerol.	6. Helps relive Gas and Indigestion. Prevents Re-Occurring cold and cough.	6. Eliona Pharmacy Ltd.
	7. Naheps Lyline	7. Honey 30%, Garcina Cola 30%, “ Allium Sativum 30% ”, Zingiber Officinale 10%.	7. Management of High Blood Pressure.	7. Natural Health Products and service Limited.
	8. Dr Nando’s Cdmt Herbal Mixture	8. “ Allium Sativum 10% ”, Anogeissum Leiocarpus 10%,	8. Promotes The Health And Wellbeing	8. Nandos Herbas Ltd.

		Vernonia Amygdalina 10%, Eugenia Aromatica 15%, Sorghum Bicolor 16%, Water QS.	Of Women Of Reproductive Age.	
	9. Activite Herbal Mixture	9. “Allium Sativum 6%” , Carica Papaya 4%, Euphorbia Unispina 3%, Hibiscus Sabdarif 3%, Picralima Nitida 2%, Zingiber Officinale 2%.	9. Used in the Management of Feverish conditions and Stomach Disorders.	9. Holistic Lifecare International, Mosebolatan Plaza
	10. Biotrend Herbal 1- Capsule	10. Allium Sativum, Brassica Alba, Laurus Nobilis	10. To promote Visual Health	10. Biotrend Enterprises
	11. Josy Drops Herbal Remedy	11. Aloe vera 10%, “Allium Sativum 20%” , Annona Reticulata 20%, Anogeissus Leicocarpus 15%, Caramel 15%, Water QS.	11. Helps To Relief Cough	11. Aderonsko Global Investment Ltd.
	12. Josy Cleanser Bitters	12. Khaya Senegalensis 20%, Piper Guineensis 20%, Aloe Vera 20%, Citullus 10%, “Allium Sativum 5%” , Water Qs.	12. Management of Pile and its associated pains	12. Aderonsko Global Investment Ltd.
	13. Tip top Herbal Mixture	13. Pennissetum Purpureum 10%, “Allium Sativum 5%” , Honey 5%, Rosa Gallica 10%, Water QS.	13. Promotes Men’s Sexual Health	13. Mac Ernest Iyayi Nig. Ltd.
	14. Ernest Herbal Solution	14. Zingiber Officianale 5%, Eucalyptus Officinale 10%, “Allium Sativum 5%” , Musa Paradisiaca 10%, Liliaceae Fabaceae 10%, Basil Ocimum 5%, Water QS.	14. For the symptomatic relief of Urinary Tract Infection	14. Mac Ernest Iyayi Nig. Ltd
	15. Alala Herbal Mixture X 200ml	15. Hunteria Umbellata 15%, Cassia Alata 10%, “Allium Sativum 5%” , Artorcarpus Altilis 10%, Mondia Whitei 15%, Khaya Grandifolia 10%,	15. For the Management of Pile and associated Pains	15. Wanotox Nigeria Enterprises

	<p>16. Immunozin Capsules</p> <p>17. Pax Herbal Formula E</p> <p>18. Ishola A.B Herbal Mixture</p> <p>19. Welly Herbal Care Mixture</p> <p>20. Oban Heatcol Herbal Mixture</p> <p>21. Spring Herbal Mixture</p> <p>22. Luckystar Bitter Powder.</p>	<p>Sorghum Bicolor 5%, Water QS.</p> <p>16. Guiera Senegalensis 25%, “Allium Sativum 25%”, Balanites Aegyptiaca 25%, Azadirachta Indica 25%</p> <p>17. Allium Cepa 60%, Allium Sativum 30%, Psidium Guajava</p> <p>18. Anacardium Occidentale 15%, Mangifera Indica 15%, “Allium Sativum 15%”, Tinn Evely Senna 15%, Water QS.</p> <p>19. Allium Sativum 3.08%, Water Q.S, Carbopol, Sorbate, Diethanolamine.</p> <p>20. “Allium Sativum 15%”, Moringa Oleifera 30%, Eucalyptus Oil 55%.</p> <p>21. Aloe Barbadensis miller 20%, Xylopia Aeteopica 18.33%, Cassia Alata 15%, “Allium sativum 13.35%”, Psidium Guajava 12.34%.</p> <p>22. Azadirachta Indica 37.50g, Anacardium Occidentale 25.00g, Aloe vera 25.00g, “Allium Sativum 12.50g”, Vernonia Amygdalina 12.50g, Zingiber Officinale 12.50g.</p>	<p>16. For Boost Immune system and Promotes Vitality</p> <p>17. Used to Enhance Vitality and Boost Immunity</p> <p>18. Management of Feverish conditions</p> <p>19. For the relief of Joint Pains</p> <p>20. Management of Body, muscle and joint pains.</p> <p>21. Used for the symptomatic relief of urinary tract infection.</p> <p>22. Traditionally used for the relief of body pains</p>	<p>16. Rahma Integrated Concept Ltd.</p> <p>17. Paxherbal Clinic and research Lab Ltd.</p> <p>18. Ishola Ab Ventures</p> <p>19. Hiisrisen International Ltd.</p> <p>20. Anumoti & Obia Ent. Nig Ltd.</p> <p>21. Emmaco Divine Ventures LTD.</p> <p>22. Luckystar Global natural healthcare Co. Nig. Ltd.</p>
<p>Aloe Barbadensis miller/ Aloe vera</p>	<p>1. Omega Roots + Aloe vera Capsules, Omega Roots + Aloe vera herbal powder; Mixture.</p> <p>2. Obinasia Herbal mixture;</p>	<p>1. Carica Papaya 4%, Mangifera Indica 15%, Newboudia Leavis 22%, Azadirchta Indica 15%, Jasminum officinale 7%, “Aloe Barbadensis 20%”, Ginseng 7%.</p> <p>2. “Aloe Barbadensis 2%”, Carica Papaya 4%, Zingiber</p>	<p>1. Used for the symptomatic relief of urinary tract infection.</p> <p>2. Used for the management</p>	<p>1. EAC Global Trado Medical center;</p> <p>2. Obinth-En International limited;</p>

	<p>3. Spring Herbal Mixture</p> <p>4. Dr Ukoh's Baba Mi Herbal Mixture</p> <p>5. JP Tansi cleanser</p>	<p>Officinale 5%, Mammmea Americana 5%, Allium Sativum 3%, Ocimum Gratissimum 5%, Honey 40%, Magnifera Indica 5%, Hierba Luisa 4%, Psidium Guajava 4%, Citrus Limonia 2%, Palm wine 12%;</p> <p>3. Aloe Barbadensis 20%", Xylopia Aeteopica 18.33%, Cassia Alata 15%, Allium sativum 13.35%, Psidium Guajava 12.34%.</p> <p>4. Panax Ginseng 20%, Carica papaya 15%, Psidum Guajava 15%, Moringa Oliefera 10%, "Aloe Barbadensis 10%", Water QS;</p> <p>5. Cajanus Cajan 28%, Vemonia Amygdalina 22%, "Aloe Barbadensis 15%", Allium Sativum 14%, Moringa oliefera 11%, Zingiber Officinale 10%, Water;</p>	<p>of high blood sugar.</p> <p>3. Used for the symptomatic relief of urinary tract infection.</p> <p>4. Management of feverish condition;</p> <p>5. Traditionally formulated for the symptomatic relief of urinary tract infection.</p>	<p>3. Emmaco Divine Ventures LTD.</p> <p>4. Dr Ukoh Herbal Product Nig Enterprise</p> <p>5. Godvinak Integrated Ventures Nig. Ltd.</p>
Alstonia Boonei/ Pattern wood	<p>1. Dr Nwakors Iba Herbal Mixture;</p> <p>2. Rebofla Herbal Capsules</p>	<p>1. Anthocleista Nobilis 10%, "Alstonia Boonei 10%", Pandiaka Involucrata 10%, Ananas Comosus 10%, Azadirachta Indica 10%, Lawsonia Incremis 10%, Gossypium Barnadense 10%, Enantia Chlorantha 5%, Citrus Medica Var. Acida, Sphenocentrum Jollyanum 5%, Curcuma Dom;</p> <p>2. "Alstonia Boonei roots 200Mg",</p>	<p>1. For Management of Feverish condition.</p> <p>2. Help in the management of feverish conditions</p>	<p>1. Dr Nwakors 7Keys Nig. Ltd.</p> <p>2. Camvacon Nig. Ltd.</p>

	<p>3. Pax Herbal Logotine Capsules</p> <p>4. Reez Bitters</p> <p>5. Cleanser Herbal Capsule</p> <p>6. Hamzine Herbal Powder</p> <p>7. FP Mama Decoction;</p> <p>8. Ibavin Herbal Mixture</p>	<p>Hillieria latifolia 200mg, Ageratum Conyzoides 100mg;</p> <p>3. Fagara Zanthoxyloides 55%, Zingiber Officinalis 10%^, “Alstonia Boonei 35%”;</p> <p>4. Khaya Senegalensis 30%, “Alstonia Boonei 20%”, Alcharnes Cordifolia 10%, Water QS;</p> <p>5. Paullina cupana 70%, “Alstonia Boonei 20%”, Cassia Podocarpa 5%, Clausena Anisata 5%, Water QS;</p> <p>6. Nauclea Latifolia 15%, “Alstonia Boonei 15%”, Lophira Alata 15%, Zingiber Officinale 15%, Azadirachta Indica 20%;</p> <p>7. Mangifera Indica 0.17g, “Alstonia Boonei 0.08g”, Morinda Lucida 0.17g, Azadirachta Indica 0.17g;</p> <p>8. “Alstonia Boonei 27%”, Gongronema Latifolium 29%, Rauwolfia Vomitoria 20%, Uvaria Chamae 10%, Citrus Aurantifolia 14%, Water QS.</p>	<p>3. Relieve Muscular Pain.</p> <p>4. Used for the management of pile and associated pains.</p> <p>5. For management of feverish conditions.</p> <p>6. For management of feverish conditions.</p> <p>7. For management of feverish conditions.</p> <p>8. Traditionally used for symptomatic relief of sexual transmitted disease.</p>	<p>3. Pax Herbal Clinic and Research Lab Ltd.</p> <p>4. Tsbj Aduke Reez Herbal Global Service.</p> <p>5. Ultra-Modern research and production factory.</p> <p>6. Hamzine Herbal ventures.</p> <p>7. OUA-[DPRU] Pharmacy Ventures.</p> <p>8. Vinca Natural Product Limited.</p>
<p>Anacardium occidentale/ Cashew</p>	<p>1. Dr. Nando’s Herbal Tonic</p> <p>2. Ishola A.B Herbal mixture</p>	<p>1. Entandrophragma Utile bark 30%, “Anacardium Occidnetale bark 32%”, Saccharum Officinarum leaves 22%, Water Qs.</p> <p>2. “Anacardium Occidentale 15%”, Mangifera Indica 15%, Allium 15%, Tinn</p>	<p>1. Helps to maintain general wellbeing.</p> <p>2. Management of feverish condition.</p>	<p>1. Nando Herba Ltd.</p> <p>2. Ishola Ab Ventures</p>

	<p>3. Afocin Herbal Powder</p> <p>4. Ezinne Herbal mixture</p> <p>5. Luckystar Bitter Powder.</p> <p>6. Kushi Herbal Mixture</p>	<p>Evelly Senna 15%, Water Qs.</p> <p>3. “Anacardium Occidentale 50%”, Veronica Officinalis 20%, Tropaeolum Majuss 10%, Aloe Ferox 10%, Viscum Album 10%.</p> <p>4. Xylophia Aethiopica 7%, “Anacardium Occidentale 2%”, Vernonia Amygdalina 2%, Strophanus Hispidus 3%, Mangifera Indica 2%, Water Qs.</p> <p>5. Azadirachta Indica 37.50g, “Anacardium Occidentale 25.00g”, Aloe vera 25.00g, Allium Sativum 12.50g, Vernonia Amygdalina 12.50g, Zingiber Officinale 12.50g.</p> <p>6. “Anacardium Occidentale 20%”, Abrus Precatorius 5%, Honey 25%, Water Qs.</p>	<p>3. Management of stomach pain.</p> <p>4. For the relief of stomach ache</p> <p>5. Traditionally used for the relief of body pains.</p> <p>6. Used for the relief of cough.</p>	<p>3. Dan-Iyk marketing agency Nig. LTD.</p> <p>4. Ezinne Herbal Mixture</p> <p>5. Luckystar Global natural healthcare Co. Nig. Ltd.</p> <p>6. Olorunisholaku shi Enterprises.</p>
<p>Annona Senegalensis/ African Custard Apple.</p>	<p>1. Ascolax Herbal Caplets</p> <p>2. IbaVin Herbal Powder</p>	<p>1. “Annona Senegalensis 30%”, Olax Subscorpiodea 25%, Securidaca Longipendunculata 25%, Di Calcium Phosphate 10%, Starch 5%, Methyl paraben 2%.</p> <p>2. Annona Senegalensis 30g, Alchornea Cordifolia 18g.</p>	<p>1. Management of asthma.</p> <p>2. Used as Colon Cleanser.</p>	<p>1. PaumaTree International Ltd.</p> <p>2. Vinca Natural Product Limited.</p>
<p>Azadirachta Indica/ Neem</p>	<p>1. Alberchin Herbal Remedy;</p> <p>2. Dr Nwakors Iba Herbal Mixture;</p>	<p>1. Olax Subscorpiodea, Khaya Grandifolia, Enanatia Chloranta, Alstonia Congensis, “Azadirachta Indica”;</p> <p>2. Anthoclecista Nobilis 10%, Alstonia Boonei 10%, Pandiaka Involucrata 10%,</p>	<p>1. Management of feverish condition.</p> <p>2. For Management of Feverish condition.</p>	<p>1. Alberchin Herbal Cure Ltd.</p> <p>2. Dr Nwakors 7Keys Nig. Ltd.</p>

		Ananas Comosus 10%, “Azadirachta Indica 10%” , Lawsonia Incremis 10%, Gossypium Barnadense 10%, Enantia Chlorantha 5%, Citrus Medica Var. Acida, Sphenocentrum Jollyanum 5%, Curcuma Dom;		
	3. Ibile Herbal Mixture	3. Citrus Aurantium, “Azadirachta indica leaves, Azadirachta indica root, Azadirachta Indica Top flower” , Treated Water;	3. Used to relief Body Pains.	3. Ibile Labamos Limited;
	4. Ph 1000 Herbal Powder	4. Azadirachta Indica 520Mg” , Aloe Barbedensis 130Mg, Seamus Indca 100Mg, Bacchals Genistelloides;	4. Used to promote good health and wellness	4. Perfect Health herbal Products and Nutraceuticals Limited;
	5. Abba Herbal Cleanser Mixture	5. Tetrapleura Tetraptera 5%, Harrungana Madagascariensis 5%, Gongronema Latifolium 5%, Nauclea Latifolia 5%, Caiba Pentendra 5%, “Azadirachta Indica 5%” , Water Qs;	5. Used for the relief of Stomach ache.	5. Abba Father Herbal;
	6. Immunozin Capsules	6. Guiera Senegalensis 25%, Allium Sativum 25%, Balanites Aegyptiaca 25%, “Azadirachta Indica 25%” ;	6. For boosting immune system and promoting vitality;	6. Rahma Integrated concept Ltd.
	7. Biotans Vesal Herbal Remedy	7. “Azadirachta Indica 10%” , Vernonia Amygdalina 10%, Citrus Limon 10%, Water Qs;	7. Used for the symptomatic relief of urinary tract infection.	7. Divine Conception Evergreen Ornamental garden.
	8. Dr Igah Bitter Cleanser Herbal Mixture	8. Zingiber Officinale 6%, “Azadirachta Indica 6%” , Ethyl		

	9. Omega Roots + Aloe vera Capsules, Omega Roots + Aloe vera herbal powder; Mixture.	Alcohol 4.0%, Salix Chaenomeloides 3.0%, Water Qs; 9. Carica Papaya 4%, Mangifera Indica 15%, Newboudia Leavis 22%, “Azadirchta Indica 15%” , Jasminum officinale 7%, Aloe Barbadensis 20%, Ginseng 7%.	8. Used to improve appetite and aid Digestion; 9. Used for the symptom relief of urinary tract infection.	8. Remy Rose Global Impex Nig. Ltd. 9. EAC Global Trado Medical center;
Bridelia Ferruginea/ Bridelia	1. Biolen Herbal Cleanser 2. Bee & Cee Capsules 3. Omengwa Mixture	1. Chrysohyllum Albidium 20%, Treculia Africana 30%, Polycarpaea Cprymbosa 40%, “Bridelia Ferruginea 10%” ; 2. Cassia Tora 50G, Khaya Ivorensis 20G, Euphorbia Hirta 10G, “Bridelia Ferruginea 20g” ; 3. “Bridelia Ferruginea 60mg” , Water Qs.	1. Used for the relief of symptoms of Urinary tract infection; 2. Used for detoxication 3. For the management of Joint and muscle pains.	1. Gbelero Naturalist care. 2. Temitayo tradomedical Limited; -3.Talitha Kum Healthcare.
Capsicum annum L./ Red pepper	1. Titop Herbal Capsule	1. Jatropha Curcas bark 20%, Musa Nana fruit 30%, Cassia Podocarpa Leaf 30%, Allium Ascalonicum Leaf 15%, “Capsicum Annum Fruit 5%” , Water Qs;	1. Supports the Immune syatem	1. Life Again herbs Ventures.
Carica papaya/ Papaya	1. Mobby Capsules 2. Dr. Nwakor’s Herbal Mixture	1. Mangifera Indica 25%, Cymbopogon Citratus 20%, “Carica Papaya 15%” , Citrus Acida 15%, Cussonia Bancoensis 15%, Moringa Oleifera 10%. 2. . Cajanus Cajan Leaves 11.84%, Citurs Aurantifolia Leaves 10.53%, Saccharum Officinarum Leaves 11.84%, “Carica Papaya Leaves 13.16%”	1. Management of Feverish Condition. 2. Traditionally Used in the management of feverish conditions and associated skin rashes.	1. Life Again Herbs Venture 2. Dr Nwakor’s 7keys Nig. Ltd.

	<p>3. Activite Herbal Mixture</p> <p>4. Chukatrin Herbal Mixture</p> <p>5. Pax Herbal Cch Solution</p> <p>6. Dr. Nana Kwame Herbal Remedy Solution</p> <p>7. Pax Herbal Bitter Tea Herbal Remedy</p> <p>8. Omega Roots + Aloe vera Capsules, Omega Roots + Aloe vera herbal powder; Mixture.</p> <p>9. Lachophoid Bitter Cleanser Bitters</p> <p>10. D-Happy Life Herbal Mixture</p>	<p>3. Allium Sativum 6%, “Carica Papaya 4%”, Euphorbia Unispina 3%, Hibiscus Sabdarifa 3%, Picralima Nitida 2%, Zingiber Officinale 2%.</p> <p>4. Zanthoxylum Zanthoxyloides 25%, Aloe Vera 15%, Zingiber Officinale 10%, Panax Ginseng 15%, “Carica Papaya 10%”.</p> <p>5. Musa Paradisiaca 7.47%, Gongronema Latifolia 7.47%, “Carica Papaya 2.07%”, Boiled Treated Water 8.31%, Aqueous Ethanol(25% Ethanol) Q.S</p> <p>6. Gossypium Malvacea 26%, “Carica Papaya 25%”, Citrus Aurantifolia 20%, Hydratis Canadensis 13%, Uvaria Chamae 26%, Natural Allium 2%, Water QS.</p> <p>7. Vernonia Amygdalina 95%, “Carica Papaya 5%”</p> <p>8. “Carica Papaya 4%”, Mangifera Indica 15%, Newboudia Leavis 22%, Azadirchta Indica 15%, Jasminum officinale 7%, Aloe Barbadensis 20%, Ginseng 7%</p> <p>9. Vernonia Amygdalina 15%, Azadirachta Indica 30%, “Carica Papaya 10%”, Cymbopogon</p>	<p>3. Used in the management of Feverish conditions and stomach disorders.</p> <p>4. Used for the symptomatic relief of Urinary Tract Infection.</p> <p>5. To boost the immunity of the Body</p> <p>6. Used to relief Indigestion</p> <p>7. Promotes Liver Functions</p> <p>8. Used for the symptomatic relief of urinary tract infection</p> <p>9. For the Management of Feverish Conditions</p>	<p>3. Holistic lifecare International, Mosesbolatan Plaza.</p> <p>4. Chucks Herbal Ventures</p> <p>5. Paxherbal Clinic and Research Lab Ltd.</p> <p>6. Orifan Nig. Enterprises.</p> <p>7. Pax Herbal Clinical & Research Laboratories.</p> <p>8. EAC Global Trado Medical Centre</p> <p>9. Lacho Medicals And Allied Foods Industries.</p>
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		Schoenanthus 15%, Mangifera Indica 15%, Water Q.S		10. Anto-Ifee Industries NIG.
	11. Zedene Herbal Capsules	10. Nauclea Diderrichi 15%, Uvarie Chamae 15%, Treculia Africana 10%, Vernonia Amygdalina 10%, Citrus Limonia 105, “Carica Papaya 10%” , Allium Sativum 10%, Zingiber Officinale 10%, Aloe Vera 10%.	10. Symptomatic relief of urinary Tract Infection.	
	12. Supra X Tonic	11. Anarcadium Occidentale 30%, Mangifera Indica 15%, Moringa Oleifera 25%, Aloe Vera 15%, “Carica Papaya 15%”	11. Used for the Symptomatic relief of urinary Tract Infection.	11. Chucks Herbal Ventures
	13. Super 7 Herbal Mixture X 200ml, X 500ml	12. Vernonia Amygdalina 0.03mg, “Carica Papaya 0.021mg” , Morinda Lucia 0.015mg, Mexicana Lucia 0.03mg, Degudelia Radice 0.015mg, Stellaria Media 0.03mg, Hydratis Cansadensis 0.03mg, Urtica Dioca 0.015mg, Water QS	12. Promotes Sexual Reproduction health	12. Iris Foods & Drugs Limited.
	14. Dr Maecc Herbal Mixture X 200ml	13. Antiaris Toxicaria 5%, Anthocleista Vogelii 25%, Aloe Vera 10%, Azadirachta Indica 10%, “Carica Papaya 5%” , Moringa Oleifera 10%, Xylophia Aethiopica Leave 5%, Xylophia Aethiopica Stem 30%, Water QS.	13. For general Body cleansing and immunity booster	13. Tokoz Natural
	15. Edes Iyonan Powder	14. “Carica Papaya 10%” , Saccharum Officinarum 9%, Cajanus Cajan 9%,	14. Improves General Wellbeing and	14. Chris Maduabuchi & Sons Enterprises.
	16. Nedu Ginseng plus herbal products & Nutraceuticals			15. Dr. Akhere Edehomon
	17. Ponas Quimal Tea			

		<p>Aurantifolia 10.5%, Water Q.S</p> <p>15. “Carica Papaya 5g”, Ananas Comosus 5g, Citratus Aurantifolia 5g, Mangifera Indica 5g.</p> <p>16. Ginseng root 1.2g, Cassia Occidentale root 0.3g, Azdirachta Indica leaf 0.2g, Allium Sativum 0.2g, “Carica Papaya leaf 0.4g”</p> <p>17. Khaya Ivorensis bark 50%, Garcinia Kola seed 25%, “Carica Papaya root 25%”</p>	<p>Promotes Vitality And Vigor.</p> <p>15. For the management of feverish conditions.</p> <p>16. Used in the management of skin rashes.</p> <p>17. Helps in the relief of feverish conditions.</p>	<p>herbal home and nativity Nig. Ltd.</p> <p>16. Nedu Herbal Ent.</p> <p>17. Ponas Herbal Healthcare Products.</p>
<p>Cymbopogon citratus/ Lemon grass</p>	<p>1. Mobby Capsules</p> <p>2. Ever Golden Tea</p> <p>3. Popo Herbal “Paste”, “Tablet”, “Powder”</p> <p>4. Popo Herbal Mixture</p> <p>5. Hyper Grip Herbal T-Formular</p>	<p>1. Mangifera Indica 25%, “Cymbopogon citratus 20%”, Carica Papaya 15%, Citrus Acida 15%, Cussonia Bancoensis 15%, Moringa Oleifera 10%;</p> <p>2. “Cymbopogon Citratus 50%”, Azadirachta Indica 50%.</p> <p>3. “Cymbopogon Citratus leaves 40%”, Inula Helenium leaves 25%, Theobroma Cacao seeds 20%, Honey 15%;</p> <p>4. “Cymbopogon Citratus leaves 45%”, Inula Helenium 30%, Water QS.</p> <p>5. Lawsonia Inermis 12%, “Cymbopogon citratus 10%”, Zingiber Officinale</p>	<p>1. Management of Feverish Condition.</p> <p>2. Used to promote good health</p> <p>3. For the management of Rheumatism and Arthritis.</p> <p>4. For the management of Rheumatism and Arthritis</p> <p>5. Management of Feverish conditions</p>	<p>1. Life Again Herbs Venture</p> <p>2. Quail-Manna Remedies Int’l Ltd.</p> <p>3. Green pasture herbal company Nig. Ltd.</p> <p>4. Green pasture herbal company Nig. Ltd</p> <p>5. Taokub herbal Home.</p>

	<p>6. Kolevite Herbal Revitalizer</p> <p>7. Chindus Herbal Mixture</p>	<p>10%, Morinda Lucida 8%, Allium Capa 7%, Allium Sativum 5%, Ethanol 5%, Water Qs;</p> <p>6. “Cymbopogon Citratus 20%”, Harungana Madagascariensis 15%, Entandrophragma Utile 15%, Sorghum Bicolor 25%, XY.</p> <p>7. Mangera Incida 5%, Treculia Afriicana 4%, Zingiber officinale 2%, Carica Papaya 5%, “Cymbopogon Citratus 5%”, Citrus Limonia 4%, Allium Savtivum 2%, Psidium Guajava 3%, Water Qs.</p>	<p>6. Used in the management of stress, Loss Of Appetite and general Body weakness;</p> <p>7. Used In the Symptomatic relief of urinary Tract Infection.</p>	<p>6. Holistic Lifecare international.</p> <p>7. Chindus Tradomedical Services.</p>
Desmodium adscendens (Sw.) DC./ Tick clover	1. Klinka Capsules	1. “Desmodium Adscendes 60%” , Bidens Bipinnata 20%, Clausena Anisata 20%;	1. Symptomatic relief of urinary tract Infection.	1. Kayfahd Herbalceutical.
Euphorbia Hirta L/ Australian Asthma herb	<p>1. Bee & Cee Capsules</p> <p>2. Veinlax Herbal Caplet</p> <p>3. Rida Herbal Bitters</p>	<p>1. Cassia Tora 50G, Khaya Ivorensis 20G, “Euphorbia Hirta 10G”, Bridelia Ferruginea 20g</p> <p>2. Black Soap 60%, Euphorbia Hirta 17%, Diacalcium Phospate 10%, Starch, Calcium Sulphate 3%, Methyl Paraben 2%, Propyl Paraben 2%, Magnesium Stearate 1%;</p> <p>3. Citrullus Colocynthis 24%, Curculigo Pilosa 20.48%, Uvaria Chamae, Euphorbia Hirta 2.85%, Morinda Lucida 1.57% Senna Alata 11.4%, Hunteria Umbellata 9.18%, Sorghum Bicolor 10%,</p>	<p>1. Used for detoxication</p> <p>2. Used For the the management of High blood pressure and stroke.</p> <p>3. Used For the management of Pile and associated pains</p>	<p>1. Temitayo tradomedical Limited</p> <p>2. Paumatree International Ltd.</p> <p>3. Marvel Natural Products Plc.</p>

		Honey 10.2%, Water Qs;		
Glycyrrhiza glabra L./ Liquorice	<p>1. Greentol Cough Syrup</p> <p>2. Strepwin Original Strawberry Flavour</p> <p>3. Betasil Herbal Lozenges(Ginger Mint)</p> <p>4. Magdent Herbal Dental Powder</p>	<p>1. Adhatoda Vasica 50Mg, Piper Longum 10Mg, Piper Nigrum 10mG, Zingiber Officinalis 20Mg, “Glycyrrhiza Glabra 20Mg”, Curcuma Longa 10Mg, Ocimum Santum 25Mg, Alpinia galanga 25Mg, Mentha Piperita 4Mg, Flavoured Syrup Base Q.S.</p> <p>2. “Glycyrrhiza Glabra 10Mg”, Mentha Piperita 5Mg, Ocimum Sanctum 5Mg, Zinger Officinale 5Mg, Cinnamomum Zelyanicum 2Mg, Flavored Candy Base Q.S;</p> <p>3. “Glycyrrhiza Glabra 20Mg”, Terminalia Beterica 5Mg, Zingiber Officinale 5Mg, Cucuma Longa 2Mg, Mentha Piperita 7Mg.</p> <p>4. Calcium Carbonate 36.25%, “Glycyrrhiza Glabra(Licorice Root)15%”, Menthol 15%, Sodium Lauryl sulphate 10%, Aloe Vera 10%, Zingiber officinale (Ginger)10%, Peppermint Oil 3.13%, Sea salt 0.62%.</p>	<p>1. For the Relief Of cough.</p> <p>2. For the Relief Of cough.</p> <p>3. Relief of Sore Throat</p> <p>4. Dental and Oral care</p>	<p>1. Greenlife Pharm Ltd.</p> <p>2. King Bright Pharmacy Ltd.</p> <p>3. Aspen Pharmacare Nigeria Limited.</p> <p>4. Nduglos global Ltd.</p>
Harungana Madagascariensis Lam. Ex Poir./ Orange-milk tree.	1. Kolevite Herbal Revitalizer	1. Cymbopogon Citratus 20%, “Harungana Madagascariensis 15%” , Entandrophragma Utile 15%, Sorghum Bicolor 25%, XY.	1. Used in the management of stress, Loss Of Appetite and general Body weakness;	1. Holistic Lifecare International

<p>Hibiscus Sabdariffa/ Red sorrel</p>	<p>1. UK and C herbal Tea Bag X 25</p> <p>2. Rhimza Bitter Tea</p> <p>3. Rhimza Hibiscus & Ginger Herbal tea</p> <p>4. Activite Herbal Mixture</p>	<p>1. Moringa Oleifera 50%, Nigella Sativa 10%, “Hibiscus Sabdariffa 5%”, Green Tea 20%.</p> <p>2. Hibiscus(Calyces of Hibiscus sabdariffa)95%, Cinnamon</p> <p>3. Hibiscus(Calyces of Hibiscus sabdariffa)70%, Cinnamon 5%</p> <p>4. Allium Sativum 6%, Carica Papaya 4%, Euphorbia Unispina 3%, “Hibiscus Sabdariffa 3%”, Picralima Nitida 2%, Zingiber Officinale 2%, Treated Water QS.</p>	<p>1. Support the immune system</p> <p>2. Boosts Immune system and helps indigestion</p> <p>3. Management of high blood sugar and supports the immune system</p> <p>4. Used in the management of feverish conditions and stomach disorder</p>	<p>1. Unnu-Khaltum Company, Trado Medical centre, Kano.</p> <p>2. Rhimza Ventures</p> <p>3. Rhimza ventures</p> <p>4. Holistic lifecare international</p>
<p>Mentha piperita L./ Peppermint</p>	<p>1. Eminoe Reumathrix cream</p> <p>2. Greentol Cough Syrup</p> <p>3. Strepwin Original Strawberry Flavour</p>	<p>1. “Mentha Piperita Essential oil 30%”, Mentha sativa Essential oil 30%, Oil of wintergreen 10%, Citrus Paradisi 10%, Citric Acid 7%, Glycerin 5%, Menthol 8%;</p> <p>2. Adhatoda Vasica 50Mg, Piper Longum 10Mg, Piper Nigrum 10Mg, Zingiber officinalis 20Mg, Glycyrrhiza Glabra 20Mg, Curcuma Longa 10Mg, Ocimum Santum 25Mg, Alpinia Galanga 10mg, “Mentha Piperita 4Mg”, Flavoured syrup Base Q.S.</p> <p>3. Glycyrrhiza Glabra 10mg, “Mentha Piperita 5mg”, Ocimum Sanctum 5mg, Zingiber</p>	<p>1. Used for the relief of body pains.</p> <p>2. For the relief of Cough</p> <p>3. Relief of cough and Cold.</p>	<p>- Eminoe Nigeria Ltd.</p> <p>- Greenlife Pharm Ltd.</p> <p>3. King Bright Pharmacy Ltd.</p>

	4. King Stripto Mint Flavour	officinale 5mg, Cinnamomum Zelyanicum 2mg, Flavoured Candy Base Q.S.		
	5. Abbas Balm(Herbal Ointment)	4. “Mentha Piperita 8.5mg , Eucalyptus Globulus 6.0mg, Methyl Paraben 2.25mg, Sugar, Excipients Q.S	4. For the temporary relief of sore throat and Helps to relief Nasal congestion	4. King Bright Pharmacy Ltd.
	6. Meje Meje Ointment	5. Vitellaria Paradoxa, Afromonium Danielli, Eucalyptus Globulus, “Mentha Piperita”	5. Used for the relief of Joints and muscular pains, Cramps/stiffness, insect bite and stings.	5. Harbo multipurpose
	7. Actor Balm	6. Afromomum Meleguete 1.7%, Zingiber Officinale 1.7%, Elaeis Guineensis 2%, Aloe Vera 1.1%, Mentha Arvensis 2.5%, Cinnamomum Camphora 1.2%, “Mentha Piperita 1.3%” , Eucalyptus Radiate 1%, Chamelaucium Uncinatum 1.1%, Syzygium Guineese Q.S	6. Used in the management of backache and headache.	6. Asayioje chemical and commercial company.
	8. Akuchukwu Balm	7. Afromomum Melegueta 2.4%, Zingiber Officinale 2%, Elaeis Guineensis 3%, Piper Guineensis 2%, Allium Ascaloniumcum 2%, Mentha Arvensis 2.5%, Cinnamomum Camphora 1.5%, “Mentha Piperita 1.5%” , Capsicum annum 2%, Chamelaucium Uncinatum 1.1%, Syzygium Guineense.	7. Used in the management of backache and headache.	7. Asayioje chemical and commercial company.
			8. Relief of Joint and Muscular aches and pain	8. Akulkenna J & N Divine Company.

	<p>9. Adaral Bakur Jelly Herbal</p> <p>10. Betasil ‘Pepper Lozenges’, ‘Menthol Lozenges’.</p> <p>11. Dr. Agnes Nwamma Herbal Tooth Powder</p>	<p>8. Brassica Nigra 1%, Parmotrema Perlatum 1.01%, Cinnamomum Camphora 2.10%, Mentha Arvensis 5.20%, Olea Europea 3.05%, “Mentha Piperita 3.05%”.</p> <p>9. “Mentha Piperita 30%”, Gayltheria Procumbens 5%, Arachis Hypogaea 10%, Elaesis Guineensis 5%.</p> <p>10. “Mentha Piperita 8.5Mg”, Peppermint Oil 7.5Mg, “Mentha Piperita 10.5Mg”, Eucalyptus Oil 7.4mg.</p> <p>11. Zingiber officinale 15g, Aloe Vera 15g, “Mentha Piperita 10g”, Calcium carbonate 15g, Sodium sulphate 10g, Icing sugar 5g.</p>	<p>9. Management of skin rashes, Back and Joint pains</p> <p>10. Relief of sore throat.</p> <p>11. Used for the management of tooth ache, mouth odor, and tooth decay.</p>	<p>9. Adaral Bakur Tradomedical Enterprises.</p> <p>10. Aspen Pharmacare Nigeria Limited.</p> <p>11. Dr Agnes Nwamma Enterprises.</p>
<p>Momordica charantia/ Bitter Melon</p>	<p>1. Antibes Herbal Mixture</p> <p>2. Marugbotakebe Herbal Mixture</p> <p>3. Fortrezin Capsules</p> <p>4. Chinonye Nkkwodike Herbal Powder</p>	<p>1. Vernonia Amygdalina 4%, Allium Sativum 2%, Ocimum Sanctum 4%, “Momordica Charantia 8%”, Water Qs.</p> <p>2. Morinda Lucida 4%, “Momordica Charantia 4%”, Spondias Mombin 4%, Zingiber Officinale 2%, Water 2%.</p> <p>3. Zingiber Officinalis 20%, Moringa Oleifera 20%, “Momordica Charantia 20%”, Boswelvia Odorata 20%.</p>	<p>1. Management of High Blood sugar.</p> <p>2. For Vitality and Vigor</p> <p>3. Cleanser the colon and Improve Digestion.</p> <p>4. For the relief of pain.</p>	<p>1. Exfo Hrebal Mega-care Ltd.</p> <p>2. Exfo Hrebal Mega-care Ltd.</p> <p>3. Rahma Integrated Concept Ltd.</p> <p>4. Umuezeala Okporo</p>

	5. Heshoutang Cardiokare	4. Phyllanthus Amarus 3.5mg, “Momordica Charantia 3.5mg” , Landolphia Clucis 3.5mg.	5. Promote cardiovascular health.	5. Heshoutang International synergy Nig. Ltd.
	6. Buak Herbal Mixture	5. Five leaf Gynostemma Herb 200mg, Chinese Salvia 100mg, Semen Cassia 100Mg, Polygonatum 50Mg, “Momordica Charantia 50g”	6. Used for the management of pile and waist pain	6. Atewolabala Ethnopharm International
	7. Nanpa Flusher Powder	6. Ocimum Gratissimum 15%, “Momordica Charantia 15%” , Cassia Podocarpa 15%, Cassia Alata 15%, Water Q.S.	7. Used in the management in the of skin rashes.	7. Wisdom Yard Nigeria
	8. Herbiotic Herbal Products & Nutraceuticals Powder	7. “Momordica Charantia 50%” , Lannea Egregiia 50%.	8. Acts as an antioxidant and management of high blood pressure.	8. Peculiar projects Nigeria Limited.
	9. Grinherb Herbal Capsule	8. “Momordica Charantia (Leaves) 30%” , Lannae Egregia (Bark)50%, Aloe-vera 20%	9. Used in the management of bacterial infection	9. Olason Herbal Nig. LTD
	10. Iye Ni temi Kosiba Herbal Powder	9. “Momordica Charantia Leaf 150mg” , Zingiber officinale 175mg, Nauclea Latifolia leaf 175mg.	10. Used for the symptomatic relief of Urinary tract infection.	10. Rucca De best international
	11. Gbeje Giri herbal Mixture	10. “Momordica Charantia(Leaf) 50%” , Ocimum Gratissimum(leaf) 50%.	11. Used for the management of pile and associated pain.	11. Elawori Herbal Mixture Nig. Ltd
		11. “Momordica Charantia 20%” , Ocimum Gratissimum 20%, Pentaclethra Macrophyll 15%, Water QS		

Moringa Oleifera/ Horse radish tree	<p>1. Mobby Capsules</p> <p>2. Iketo 2 Yori-Yori Herbal Mixture</p> <p>3. Green Health Balm</p> <p>4. Uk And C Herbal Tea Bag X 25</p> <p>5. Fortrezin Capsules</p> <p>6. Revive Health Tea</p> <p>7. HB Cleanser Herbal Mixture</p> <p>8. Bitter Cleansers Plus</p> <p>9. Zedene Herbal Capsules</p>	<p>1. Mangifera Indica 25%, Cymbopogon citratus 20%, Carica Papaya 15%, Citrus Acida 15%, Cussonia Bancoensis 15%, “Moringa Oleifera 10%”;</p> <p>2. “Moringa Oleifera 10%”, Vernonia Amygdalina 10%, Xylopia Aethiopica 10%, Morinda Lucida 10%, Jussia Sp 10%, Water QS.</p> <p>3. Piper Guineense 15%, “Moringa Oleifera 15%”, Cocos Nucifera 25%, vitellaria Paradoxa 10%, Beeswax 35%.</p> <p>4. “Moringa Oleifera 50%”, Nigella Sativa 10%, Hibiscus Sadariffa 5%, Green tea 20%</p> <p>5. Zingiber Officinalis 20%, “Moringa Oleifera 20%”, Momordica Charantia 20%, Boswelia Odorata 20%.</p> <p>6. “Moringa Oleifera 100%”</p> <p>7. Aloe Vera(20%), Acinos Arvensis 15%, “Moringa Oleifera 10%”, Allium Sativum 15%, Chenopodium Murale 15%, Cinamomum Aromaticum 15%, Water Q.S</p>	<p>1. Management of feverish conditions</p> <p>2. For the management of Feverish conditions</p> <p>3. Relieves Joint And Body Pain</p> <p>4. Supports the Immune System.</p> <p>5. Cleanses the Colon And Improves Digestion</p> <p>6. Used To Rejuvenate the skin, and refresh the body.</p> <p>7. Traditionally Formulated To Improve Digestion</p>	<p>1. Life Again Herbs Ventures</p> <p>2. Uzo Nze Wondeful Roots Natural Clinic Nig.</p> <p>3. Green health Services Limited</p> <p>4. Unnu-Khaltum Company, Trado Medical centre, Kano.</p> <p>5. Rahma integrated Concept Ltd.</p> <p>6. Quail-Manna Remedies Int’l Ltd.</p> <p>7. Luckystar Global Natural Health Care CO. NIG. LTD.</p>
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	<p>10. Oban Heatcol Herbal Mixture</p> <p>11. Oban Heatcol Herbal Balm</p> <p>12. Aloe Vera plus Bitter Aloes</p> <p>13. Nurich Herbal Mixture</p>	<p>8. “Moringa Oleifera 35%”, Hunteria Umbellata 33%, Morinda Lucida 32%.</p> <p>9. Anarcadium Occidentale 30%, Mangifera Indica 15%, “Moringa Oleifera 25%”, Aloe Vera 15%, Carica Papaya 15%.</p> <p>10. Allium Sativum 15%, “Moringa Oleifera 30%”, Eucalyptus Oil 55%.</p> <p>11. Shea Butter 75%, “Moringa Oleifera 15%”, Eucalyptus Oil 10%.</p> <p>12. Aloe Vera Plus Bitters Aloes 50%, Hippocrates Pallens 30%, “Moringa Oleifera 20%”;</p> <p>13. Andrographis Paniculata 0.0132mg, “Moringa Oleifera 0.0123mg”, Allium Sativum 0.0059mg, Citrus Lemon 0.0526mg</p>	<p>8. Used as an immune Booster.</p> <p>9. Used For symptomatic relief of Urinary tract Infection</p> <p>10. Management of Body, Muscular and Joint Pains</p> <p>11. Management of Body, Muscular and Joint Pains</p> <p>12. Used as Nutritional Supplement</p> <p>13. Boosts Immune system and For colon cleansing.</p>	<p>8. Salome African Herb Ventures Ltd.</p> <p>9. Chucks herbal Ventures</p> <p>10. Anumoti & Obia Ent. NIG. KTD.</p> <p>11. Anumoti & Obia Ent. NIG. KTD.</p> <p>12. Libracin Natural Medicine IND LTD</p> <p>13. Richy Gold International Limited.</p>
<p>Ocimum gratissimum/ Tea Bush</p>	<p>1. Denik Herbal Clinsa Mixture</p> <p>2. Peko-D Herbal remedy</p> <p>3. Buak Herbal Mixture</p>	<p>1. “Ocimum Gratissimum 35%”, Colocynthis Citrullus 30%, Khaya Ivorensis 10%, Water Qs</p> <p>2. “Ocimum Gratissimum 15%”, Hypoestes Rosea 85%</p> <p>3. “Ocimum Gratissimum 15%”, Momordica Charantia 15%, Cassia Podocarpa 15%, Cassia Alata 15%, Water Q.S.</p>	<p>1. Symptomatic relief of urinary tract infection.</p> <p>2. Used as an immune booster</p> <p>3. Used for the management of pile and waist pain</p>	<p>1. Kayfahd Herbalceutical</p> <p>2. Bevert Gedu chemical Company</p> <p>3. Atewolabala Ethnopharm International</p>

	4. Thentic Solution with Herbal Extract	4. Azadirachta Indica 1%, Vernonia Amygdalina 1.5%, “Ocimum Gratissimum 1.5%” , Allium Sativum 1%, Water Q.S.	4. Used as an After shave.	4. Bright Future Hope ENT.
	5. Obinasia Herbal Mixture	5. Aloe Barbadensis 2%, Carica Papaya 4%, Zingiber Officinale 5%, Mammmea Americana 5%, Allium Sativum 3%, “Ocimum Gratissimum 5%” , Honey 40%, Magnifera Indica 5%, Hierba Luisa 4%, Psidium Guajava 4%, Citrus Limonia 2%, Palm wine 12%;	5. Used for the management of high blood sugar.	5. Obinth-En International limited;
	6. Zoddis Jedi-Jedi and Nla Herbal Mixture	6. Khaya Senegalensis 20%, “Ocimum Gratissimum 20%” , Xylopiia Aethiopica 10%, Vemonia Amygdalina 12%, Allium Sativum 8%, Water QS.	6. Used for the management of Pile and associated pain.	6. Dansils Herbs International CO Nig. Ltd.
	7. Zimu-Cay Capsule	7. Moringa Olefeira 30%, Garcia Cola 15%, Zingiber Officinale 17%, Capsicum Annumm 13%, Terfaira Occidentalis 10%, Gongronema Latifolium 10%, “Ocimum Gratissimum 5%” .	7. Food supplement to promote general well being.	7. Ziga Pharmacy Limited.
	8. Destiny Herbal Powder	8. Vernonia Amygdalina 45%, “Ocimum Gratissimum 30%” , Mangifera Indica 25%.	8. Management of High Blood sugar.	8. Destiny Metal Co. Nig Ltd.
	9. Clara ULC Herbal Mixture	9. “Ocimum Gratissimum 20%” , Vernonia Amygdalina 20%, Gongronema	9. Used for the management of stomach disorder.	9. F.C EzeAfrican Healing Herbs Company
	10. Fourteen Strength Herbal Powder			

	<p>11. Yorkho Bitters Liquid</p> <p>12. Iye Ni temi Kosiba Herbal Powder</p> <p>13. Gbeje Giri herbal Mixture</p> <p>14. St Rapheal Lycosyn Herbal Mixture</p> <p>15. Chikwado Cer Mixture</p>	<p>Latifolium 10%, Water Q.S</p> <p>10. Vemonia Amygdalina 40%, “Ocimum Gratissimum 25%”, Entandrophragma Angolense.</p> <p>11. Colocynthis Citrullus 15%, “Ocimum Gratissimum 10%”, Clausena Anisata 20%, Water QS.</p> <p>12. Momordica Charantia(Leaf) 50%, “Ocimum Gratissimum(leaf) 50%”.</p> <p>13. Momordica Charantia 20%, “Ocimum Gratissimum 20%”, Pentaclethra Macrophyll 15%, Water QS</p> <p>14. “Ocimum Gratissimum 20%”, Vernonia Amygdalina 20%, Gongronema Latifolium 10%, Water QS.</p> <p>15. “Ocimum Gratissimum 20%”, Vernonia Amygdalina 20%, Gongronema Latifolium 10%, Water QS.</p>	<p>10. For the management of sexually transmitted.</p> <p>11. For the symptomatic relief Urinary tract Infection.</p> <p>12. Used for the symptomatic relief of Urinary tract infection.</p> <p>13. Used for the management of pile and associated pain.</p> <p>14. Used For the management of symptoms of stomach ache.</p> <p>15. For the relief of stomachache</p>	<p>10. Totalcure Global Research</p> <p>11. Kayfahd Herbalceuticals</p> <p>12. Rucca De best international</p> <p>13. Elawori Herbal Mixture Nig. Ltd</p> <p>14. St Rapheal Mary production Nig. Ltd.</p> <p>15. Chikwado Herbal Products.</p>
<p>Rauwolfia Vomitoria/ Poison devil's-pepper.</p>	<p>1. Iketo 3 Afo Agu Herbal Mixture</p> <p>2. Ferrari Herbal Mixture</p>	<p>1. Viscum Album, “Rauwolfia Vomitoria”, Securidaca Longependunculata, Water Qs</p> <p>2. Tetrapleura Tetraptera 25%, Khaya Ivorensis 25%, Cnesic Ferruginea 20%, “Rauwolfia</p>	<p>1. It Helps in the management of Excess Body Weight</p> <p>2. Used in the management of pile and waist pain.</p>	<p>1. Uzonze Wonderful Root Natural C Linics Ltd.</p> <p>2. Solaq Nig. Ltd.</p>

	<p>3. GCircle- Reliever Herbal Mixture</p> <p>4. Ibavin Herbal Mixture</p> <p>5. Ibavin Herbal Syrup</p>	<p>Vomitoria 20%”, Ethanol 10%.</p> <p>3. “Rauwolfia Vomitoria 30%”, Allium Sativum 20%, Citrus Aurantifolia 15%, Honey 25%, Water QS.</p> <p>4. Alstonia Boonei 27%, Gongronema Latifolium 29%, “Rauwolfia Vomitoria 20%”, Uvaria Chamae 10%, Citrus Aurantifolia 14%, Water QS.</p> <p>5. “Rauwolfia Vomitoria 20ml”, Citrus Aurantifolia 40ml, Honey 70ml, Water Qs</p>	<p>3. Used to Support Immune System</p> <p>4. Traditionally used for symptomatic relief of sexual transmitted disease.</p> <p>5. Used For the relief of cough</p>	<p>3. Growing Circle International Ltd.</p> <p>4. Vinca Natural Product Limited.</p> <p>5. Vinca Natural Product Limited.</p>
<p>Saccharum Officinalis/ Sugar cane</p>	<p>1. Koju Herbal mixture</p> <p>2. Dr. Nwakor’s Goody Cleanser</p> <p>3. Dr Nando’s Komo Cleanser</p>	<p>1. Xylopia Aethiopica Root 3.5%, Securidaca Longepedunculata Bark 5.5%, Mangifera Indica Bark 7.5%, Allium Sativum seed 8.5%, Citrus Aurantifolia Root 9.5%, Morinda Lucida Seed 10.5%, “Saccharum Officinarum Bark 25%”, Water Qs.</p> <p>2. Citrus Aurantifolia 15%, Mangifera Indica leaves 13%, Vernonia Amygdalina Leaves 12%, “Saccharum Officinarum Leaves 11.5%”, Allium Sativum 10.5%, Caramel 1.5%, Water QS</p> <p>3. Vernonia Amygdalina Leaves 12%, Citrus Aurantifolia Leaves 15%, “Saccharum Officinarum Leaves 11%”, Mangifera Indica Leaves 13%,</p>	<p>1. Management of Pile.</p> <p>2. Helps in Body Cleansing.</p> <p>3. Used to clean the Colon.</p>	<p>1. Kojumaribi Trado Medical Nig. Ltd.</p> <p>2. Dr Nwakor’s 7keys Nig. Ltd.</p> <p>3. Nando Herbs LTD.</p>

	<p>4. Adonai Herbal mixture</p> <p>5. Dr. Nwakor's Herbal Mixture</p> <p>6. Dr. Nando's Herbal Tonic</p> <p>7. Dr. Awia Kings Herbal Mixture</p> <p>8. Dr Maecc Herbal Mixture X 200ml</p> <p>9. Dr. C Root Bitters Herbal Mixture</p> <p>10. Dr Iguedo's Goko Cleanser Herbal Mixture</p> <p>11. Heritage Herbal Cleanser with Moringa</p>	<p>Caramel 1.5%, Allium Sativum 10.5%, Water Qs.</p> <p>4. Allium Sativum 25%, "Saccharum Officinarum 20%", Vernonia Amygdalina 10%</p> <p>5. Cajanus Cajan Leaves 11.84%, Citrus Aurantifolia Leaves 10.53%, "Saccharum Officinarum Leaves 11.84%", Carica Papaya Leaves 13.16%</p> <p>6. Entandrophragma Utile Bark 30%, Anacardium Occidentale Bark 32%, "Saccharum Officinarum Leaves 22%", Water QS.</p> <p>7. Cajanus Cajan 40%, Psidium Guajava 15%, Citrus Aurantifolia 10%, "Saccharum Officinarum 5%", Asimina Triloba 10%, Water Q.S.</p> <p>8. Carica Papaya 10%, Saccharum Officinarum 9%", Casjanus Cajan 9%, Citrus Caajan 9%, Citrus Aurantifolia 10.5%, Water Q.S</p> <p>9. Curculigo Pilosa 25%, Parinari Excelsa Seed 25%, "Saccharum Officinarum 10%", Water QS.</p> <p>10. Vernonia Amygdalina 12%, "Saccharum Officinarum 11.5%", Allium Sativum 13%, Cajanus Cajan 11.5%,</p>	<p>4. Used in the management of feverish conditions</p> <p>5. Traditionally Used in the management of feverish conditions and associated skin rashes.</p> <p>6. Helps To Maintain General Wellbeing</p> <p>7. For the Management of Feverish Condition and Associated Skin Rashes</p> <p>8. Improves General wellbeing and promotes Vitality and vigor</p> <p>9. Used for the management of Pile and associated waist pain</p> <p>10. Used to Cleanse the Colon</p>	<p>4. Ajadons Pharmacy Limited</p> <p>5. Dr Nwakor's 7Keys Nig. Ltd.</p> <p>6. Nando Herbas Ltd.</p> <p>7. Lacho Medical and allied food Industries.</p> <p>8. Chris Maduabuchi & Sons Enterprises.</p> <p>9. African Medicine Ventures</p> <p>10. Goko Herbal West African Limited.</p>
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	12. Omo Akesan Herbal Mixture	<p>Zingiber Officinale 0.5%, Caramel 1.5%, Water QS.</p> <p>11. Vernonia Amygdalina 12%, “Saccharum Officinarum 11.5%”, Allium Sativum 13%, Cajanus Cajan 11.5%, Zingiber Officinale 0.5%, Caramel 1.5%, Moringa Oleifera</p> <p>12. Picralima Nitida 5%, Gongronena Latifolium 5%, Entandrophragma Angolens 5%, “Saccharum Officinarum 10%”, Cissus Quandrangularis 5%, Water Q.S</p>	<p>11. Used As Colon Cleanser</p> <p>12. For the management of pile</p>	<p>11. Prinkenoba Nigeria Limited</p> <p>12. Awise Ni Tedumare Health Services</p>
Securidaca Longepedunculata Fres./ Violet tree	<p>1. Koju Herbal mixture</p> <p>2. Kayfahd A-plus Capsules</p> <p>3. Dr Moore Herbal Mixture</p>	<p>1. Xylopia Aethiopica Root 3.5%, “Securidaca Longepedunculata Bark 5.5%”, Mangifera Indica Bark 7.5%, Allium Sativum seed 8.5%, Citrus Aurantifolia Root 9.5%, Morinda Lucida Seed 10.5%, Saccharum Officinarum Bark 25%, Water Qs.</p> <p>2. “Securidaca Longepedunculata 55%”, Olax Subscorpioidea 30%, Anthocleista Adjalonensis 10%, Xylopia Aethiopica 5%.</p> <p>3. Ocimum Basilicum Leaves 15%, Mangifera Indica Leaves 15%, Cyathula Prostata Leaves 15%, Alstonia Congensis Bark 15%, “Securidaca Longepedunculata root 10%”, Cassia</p>	<p>1. Management of Pile.</p> <p>2. Symptomatic Relief of Urinary Tract Infection</p> <p>3. Used For the management of Pile and Associated Pains.</p>	<p>1. Kojumaribi Trado Medical Nig. Ltd.</p> <p>3. Kayfahd Herbalceuticals</p> <p>3. Easy Care Tradomedical Services.</p>

	<p>4. Paumasulyn Herbal Caplet</p> <p>5. AT-Turath Katakiti Herbal Capsules</p>	<p>Siberianana Root 5%, Stauditia Stipitata Root 5%, Water Q.S</p> <p>4. Picralima Intida 35%, “Securidaca Longepedunculata 25%”, Garcina Cola 20%, Dicalcium phosphate 20%, Starch 55, Methyl Paraben 2%, Propyl Paraben 25, Magnesium Stearate 1%.</p> <p>5. Khaya Grandifoliola 40%, Lophira Alata 40%, Calliandra Heamotocephala 6%, “Securidaca Longepedunculata 6%”, Gladiolus psittacinus 6%, Tetrapleura Tetraptera 2%.</p>	<p>4. Used for the management of high blood sugar.</p> <p>5. Management of Fever condition.</p>	<p>4. PaumaTree International Ltd.</p> <p>5. Islamic Heritage Herbal Clinic.</p>
Senna Alata/ Ringworm Shrub	<p>1. Paracide Herbal Capsules.</p> <p>2. Olapegun Herbal Mixture</p> <p>3. Lafia Herbal Mixture</p> <p>4. Abayomi Herbal Mixture</p> <p>5. Rida Herbal Bitters</p>	<p>1. Allium Ceba 30%, Capsicum Frutescens 1%, “Senna Alata 7.5%”, Gladiolus Psittacinus 30%, Musa Paradisiaca 20%, Plumbago Zeylanica 10%, Rochelle salt 15, Sodium Chloride 0.5%.</p> <p>2. Eugenia Aromatica 30%, Curuligo Pilosa 20%, “Senna Alata 20%”, Water QS.</p> <p>3. “Senna Alata 20%”, Axonopus Compressus 205, Water QS;</p> <p>4. “Senna Alata 40%” Langenaria Breviflora 30%.</p> <p>5. Citrullus Colocynthis 24%,</p>	<p>1. Used to support the Body’s immunity.</p> <p>2. Used for the management of Pile;</p> <p>3. Used for the management of Pile and waist pain;</p> <p>4. For the management of pile and associated pains.</p> <p>5. Used for the Management of pile and associated pains.</p>	<p>1. Holistic Lifecare international Mosesbolatan Plaza.</p> <p>2. Easycare Tradomedical Services.</p> <p>3. Falex Nigeria Limited.</p> <p>4. Olorun Idera Enterprises.</p> <p>5. Marvel Natural Products PLC.</p>

		Curculigo Pilosa 20.48%, Uvaria Chamae, Euphorbia Hirta 2.85%, Morinda ucida 1.57%, “Senna Alata 11.4%” , Hunteria Unbellata 9.18%, Sorghum Bicolor 10%, Honey 10.2%, Water QS.		
Tetrapleura Tetraptera/ Tetrapleura pod	1. Abba Herbal Cleanser Mixture 2. Al-Istiqomah Herbal Mixture X 100ml 3. Ferrari Herbal mixture 4. Jikebe Herbal capsule 5. Al-Hilal Herbal Mixture 6. Al-Hidayah Herbal Mixture	1. “Tetrapleura Tetraptera 5%” , Harrungana Madagascariensis 5%, Gongronema Latifolium 5%, Nauclea Latifolia 5%, Caiba Pentendra 5%, Azadirachta Indica 5%, Water Qs; 2. Zingiber Officinale 7%, Xylophia Aethiopica 6%, “Tetrapleura Tetraptera 6%” , Nicotiana Tabacum Leaf 1%, Water QS. 3. “Tetrapleura Tetraptera 25%” , Khaya Ivorensis 25%, Cnesic Ferruginea 20%, Rauwolfia Vomitoria 20%, Ethanol 10%. 4. Cnestus Ferruginea 10%, Lecaniodiscus Cupanioded 30%, Pleiocarpa Pycnantha 20%, “Tetrapleura Tetraptera 20%” , Uvaria Afzelii 20%. 5. Zingiber officinale 20%, “Tetrapleura Tetraptera 15%” , Xylophia Aethiopice 13%, Nicotiana Tabacum Leaf 3%, Water QS. 6. Zingiber Officinale 8%, Tetrapleura Tetraptera 6%,	1. Used For the relief of Stomach Ache. 2. Used in the management of High blood pressure. 3. Used In the management of pile and Waist Pain. 4. Used for the management of high blood sugar. 5. Used in the management of high blood Pressure. 6. Used in the management of feverish Condition.	1. Abba Father Herbal. 2. Al-Istiqomah Tradomedical Herbal Ventures. 3. Solaq Nig. Ltd 4. Temitayo Tradomedical Limited. 5. Allahu Samad Herbal Clinics. 6. Al-Istiqomah Tradomedical

	7. FP Jeddy Decoction	XylopiA Aethiopice 5%, Nicotiana Tabacum Leaf 1%, Water QS.	7. Management of pile and associated pains.	Herbal ventures.
	8. Ultramax Herbal Tablet	7. Each 10ml contains: Picra;ima Nitida 0.045g, “Tetrapleura Tetraptera 0.045g” , Detarium Macrocarpum 0.017g, Ancistrophyllum Secundiflorum 0.017g, Nauclea Latifolia 0.017g, XylopiA aethiopica 0.017g.	8. Used to improve sexual urge.	7. OAU-[DPRU]-Pharmacy ventures.
	9. Mascum Herbal Pride Tablet	8. Hippocratea Pallens 50%, “Tetrapleura Tetraptera 25%” , Elaseis Guineense(Roots) 25%.	9. To enhances Sexual Urge.	8. Greenlab Tab Tech Ltd.
	10. Dr Aladdin’s The 7 Keys Herbal mixture.	9. Hippocratea Palleus 20%, XylopiA Aethiopica 20%, Medicago sativa 20%, “Tetrapleura Tetraptera 20%” , Urtica dioica 20%.	10. For relief of feverish conditions and skin rashes.	9. Libracin National Medicine IND LTD.
	11. De-Timber Herbal Capsules	10. Allium Sativum 3% W/W, XylopiA Aromatica 5% W/W, “Tetrapleura Tetraptera 7% W/W” , Ficus Carica 10% W/W, Nauclea Latifolia 25% W/W, Sterculia Urens 15% W/W, Combretum Miscrantnum 35% W/W, Water QS.	11. Management of pile and waist pain.	10. F.A Ike and Sons Limited.
	12. Destiny Herbal Remedy	11. Anthocleista Nobilis 55%, Khaya Ivorensis 25%, “Tetrapleura Tetraptera 20%” .	12. Management of pile and associated pain.	11. Tobdab Herbal Ventures
	13. Destiny Herbal Balm- Ointment	12. Ethanol 10%, Uvaria Afzelii 2.5%, “Tetrapleura Tetraptera 2.5%” ,	13. Used for the relief of joint pain,	12. Destiny Metal CO. NIG LTD

	14. Mevan Herbal Mixture	Bridellia Micrantha 2.5%, Water QS.	backache, and body pain.	13. Destiny Metal CO. NIG LTD
	15. Dr Aladdin's Recet Tonic Herbal Extract	13. Shea Butter 50%, Palm Kernel oil 42.5%, Vernonia Amygdalina 2.5%, Xylopi Aethiopica 2.5%, " Tetrapleura Tetraptera 2.5% ". 14. Sarcocephalus 1W/V, Cleistophoris Patens 1W/V, Ocimum Grattissimum 1W/v, Cassytha Filiforms 1W/V, Vernonia Amygdalina 0.5W/V, Colocynthis Vulgaris 0.5W/V, Zingiber Officnale 0.5W/V, Mangefera Indica 0.5W/V, " Tetrapleura Tetraptera 0.5W/V "	14. Used for the management of feverish condition. 15. For the symptomatic relief of Urinary Tract Infection and Menstrual pains.	14. Marian O. Enterprises NIG.
	16. Al-Shifau Herbal Mixture	15. Xylopi Aethiopica 15%, " Tetrapleura Tetraptera 5% ", Ficus Carica 5%, Newbouldia Laevis 35%, Garcinia Satrees 10%, Allium Sativum 5%, Curcuma Longa 5%, Water QS.	16. Used in the management of High Blood Pressure.	15. F.A Ike and Sons Limited
	17. AT- Turath katakiti Herbal Capsules	16. Xylopi Aethiopica 20%, " Tetrapleura Tetraptera 15% ", Zingiber Officinale 10%, Nicotina Tabacum 1%, Water QS. 17. Khaya Gradifoliola 40%, Lophira Alata 40%, Calliandra Heamotocephala 6%, Securidaca Longepeduncula 6%, Gladiolus psittacinus 6%, " Tetrapleura Tetraptera 2% ".	17. Management of feverish condition.	16. Al-Shifau Nig. Ent. 17. Islamic Heritage Herbal Clinic.

Vernonia Amygdalina/ Bitter leaf	1. . Dr. Nwakor's Goody Cleanser	1. Citrus Aurantifolia 15%, Mangifera Indica leaves 13%, "Vernonia Amygdalina Leaves 12%", Saccharum Officinarum Leaves 11.5%, Allium Sativum 10.5%, Caramel 1.5%, Water QS	1. Helps in Body Cleansing.	1. Dr Nwakor's 7keys Nig. Ltd.
	2. Antibes Herba Mixture	2. "Vernonia Amygdalina 4%", Allium Sativum 2%, Ocimum Sanctum 4%, Momordica Charantia 8%, Water Qs.	2. Management of High Blood Sugar	2. Exfo Herbal Mega-care Ltd.
	3. Dr Nando's Cdmt Herbal Mixture	3. Allium Sativum 10%, Anogeissum Leiocarpus 10%, "Vernonia Amygdalina 10%", Eugenia Aromatica 15%, Sorghum Bicolor 16%, Water Qs.	3. Promotes the health and well being of women of Reproductive Age.	3. Nando Herbas Ltd.
	4. Iketo 2 Yori-Yori Herbal Mixture	4. Moringa Oleifera 10%, "Vernonia Amygdalina 10%", Xylophia Aethiopica 10%, Morinda Lucida 10%, Jussia Sp 10%, Water Q.S	4. For management of feverish condition	4. Uzo Nze Wonderful Roots Natural Clinic Nig.
	5. Dr Nwakor's Mdt Herbal Mixture	5. Sorghum Bicolor, Allium Sativum, Angeissum Leicapus, Vernonia Amygdalina, Water.	5. For the wellbeing of women of Reproductive age.	5. Dr Nwakor's 7Keys Nig. Ltd.
	6. Biotans Vesal Herbal Remedy	6. Azadirachta Indica 10%, "Vernonia Amygdalina 10%", Citrus Limon 10%, Water Qs;	6. Used for the symptomatic relief of Urinary Tract Infection.	6. Divine Conception Evergreen Ornamental Gardens.
	7. Kando Herbal Balm	7. Butyrospermum Paradoxum(Shea Butter) 53%, Physalis Angulata (Leaf)17%, "Vernonia Amygdalina(Leaf)15 %", Ageratum Conyzoides(Leaf)15% ;	7. Used for the relief of Joint and Body Pain	7. Topkem Kando Enterprises.
	8. Mamol Herbal Remedy			

	9. Royal Bitters Tonic	8. “Vernonia Amygdalina 1%” , Hypoestes Rosea 8%, Palm Oil 91%.	8. Used for Wound dressing.	8. Bevert Gedu Chemical Company.
	10. Pax Herbal Bitter Tea Herbal Remedy	9. Sorghum Bicolor 10%, Colcocynthis Cutrullus 10%, Anthocleista Vogelii 20%, “Vernonia Amygdalina 20%” , Water Q.S	9. Used for the management of pile and waist pain.	9. Atewolabala Ethnopharm International.
	11. Dr Nando’s Komo Cleanser	10. “Vernonia Amygdalina 95%” , Carica Papaya 5%	10. Promotes Liver Function	10. Pax Herbal Clinic & Research Laboratories.
	12. Holistic Tea	11. “Vernonia Amygdalina Leaves 12%” , Citrus Aurantifolia Leaves 15%, Saccharum Officinarum Leaves 11%, Mangifera Indica Leaves 13%, Caramel 1.5%, Allium Sativum 10.5%, Water Qs.	11. Used to Clean the Colon	11. Nando Herbs Ltd.
	13. Lachophoid Bitter Cleanser Mixture	12. “Vernonia Amygdalina 50%” , Ocimum Basillicum 50%	12. Used in the management of High Blood Sugar	12. Quail-Manna Remedies Int’l Ltd
	14. Thentic Solution with Herbal Extract	13. “Vernonia Amygdalina 15%” , Azadirachta Indica 30%, Carica Papaya 10%, Cymbopogon Schoenanthus 15%, Mangifera Indica 15%, Water Q.S	13. For the Management of feverish Condition.	13. Lacho Medical and Allied Food Industry
	15. D-Happy Life Herbal Mixture	14. Azadirachta Indica 1%, “Vernonia Amygdalina 1.5%” , Ocimum Gratissimum 1.5%, Allium Sativum 1%, Water QS.	14. Used As an after shave.	14. Bright future Hope ENT.
	16. Supra X Tonic	15. Nauclea Diderrichii 15%, Uvarie Chamae 15%, Treculia Africana	15. Symptomatic	15. Anto-Ifee Industries Nig.

		10%, " Vernonia Amygdalina 10% ", Citrus Limonia, Carica Papaya 10%, Allium Sativum 10%, Zingiber officinale 10%, Aloe Vera 10%.	relief of Urinary Tract Infection.	
	17. Edes Ehimav Powder	16. " Vernonia Amygdalina 0.03mg ", Carica Papaya 0.021mg, Morinda Lucia 0.015mg, Mexicana Lucia 0.03mg, Degudelia Radice 0.015mg, Stellaria Media 0.03mg, Hydratis Cansadensis 0.03mg, Urtica Dioca 0.015mg, Water QS	16. Promotes Sexual Reproductive Health	16. Iris Foods & Drugs Limited.
	18. Sakora Herbal Pills	17. Lorsanthus Micranthus 10g, " Vernonia Amygdalina 10g "	17. For the management of high blood sugar.	17 Dr. Akhere Edehomon Herbal Home and Nativity Nig. Ltd
	19. Nanpa Herbal Mixture(Liquid)	18. Manihot Esculenta 30%, Croton Penduliflorus 25%, " Vernonia Amygdalina 15% ", Starch mucilage 10%.	18. Management of pile and associated waist pain.	18. Victoria Omowumi Adeyinka Nigeria Enterprise.
	20. Regina Herbal Capsules	19. Ocimum Gratissimum 45%, " Vernonia Amygdalina 25% ", Senna Fistula 10%.	19. Management of pile and association waist pain.	19. Wisdom Yard Nigeria.
	21. Value Plus Herbal Mouthwash	20. " Vernonia Amygdalina 42.5Mg ", Cucurbita(Pumpki leaves) 25mg, Gnetum Africanum 25Mg, Gongromena Latifolia 25Mg.	20. Management of High Blood Sugar.	20. ReginaMundi Herbal Products Ltd.
	22. Adonai Herbal Mixture	21. Massularia Acuminata 10%, Casia Fistula 15%, Zanthoxylum Fagara 10%, " Vernonia Amygdalina 10% ", Ethanol 7.5%, Anana	21. Used for the management of tooth decay.	21. Global Herbs Natural Healthcare Product Company
	23. Nutri-Care Herbal Tablet			

	24. Diatin Herbal Tablet	Comosus 2.5%, Water Q.S		22. Ajadons Pharmacy Limited
	25. Ezinne Herbal Mixture	22. Allium Sativum 25%, Saccharum Officinarum 20%, “ Vernonia Amygdalina 10% ”	22. Used in the management of feverish conditions.	23. Libracin Natural Medicine IND LTD.
	26. Destiny Herbal Powder	23. Azadirachta Indica(Bark) 50%, “ Vernonia Amygdalina 25% ”, Aloe Barteri 25%.	23. Traditionally Used For The Management Of High Blood Sugar	24. Greenlab Tab Tech LTD
	27. Destiny Herbal Balm	24. Azadirachta Indica (Bark) 50%, “ Vernonia Amygdalina 25% ”, Elaseis Guineense 25%.	24. Used as Supplement for the management of High Blood Sugar.	26. Ezinne Herbal Mixture.
	28. Clara ULC Herbal Mixture	25. Xylopia Aethiopica 7%, Anacardium Occidentale 2%, “ Vernonia Amygdalina 2% ”, Strophantus Hispidus 3%, Magifera Indica 2%, Water QS	25. For the relief of stomach ache.	26. Destiny Metal Co. NIG LTD.
	29. Gbenro Herbal Capsule	26. “ Vernonia Amygdalina 45% ”, Ocimum Gratissimum 30%, Mangifera Indica 25%.	26. Management of high blood sugar	27. Destiny Metal CO. NIG LTD.
	30. Dr Iguedo’s Goko Cleanser Herbal Mixture	27. Shea Butter 50%, Palm Kernel oil 42.5%, “ Vernonia Amygdalina 2.5% ”, Xylopia Aethiopica 2.5%, Tetrapleura Tetraptera 2.5%.	27. Used for the relief of joint pain, Backache and Body pain.	28. F.C EzeAfrican Healing Herbs Company.
		28. Ocimum Gratissimum 20%, “ Vernonia Amygdalina 20% ”, Gongronema Latifolium 10%, Water Q.S	28. Used For the Management Of Stomach Disorder	29. Nybex Herbals NIG LTD
			29. Used For the Management	

	<p>31. Ama Herbal Mixture</p> <p>32. Mevan Herbal Mixture</p> <p>33. Dr Nhdukah Herbal Tea</p> <p>34. Heritage Herbal Cleanser with Moringa</p> <p>35. Lucky's Bitter Powder</p> <p>36. Udo2 Herbal Remedy</p> <p>37. Welly Bitters Herbal Mixture</p>	<p>29. Momordia Charantia 15%, “Vernonia Amygdalina 15%”, Ocimum Basilicum 25%, Morinda Lucida 10%, Allium Sativum 10%.</p> <p>30. “Vernonia Amygdalina 12%”, Saccharum Officinarum 11.5%, Allium Sativum 13%, Cajanus Cajan 11.5%, Zinigiber Officinale 0.5%, Caramel 1.5%, Water QS.</p> <p>31. Mangifera Indica 30%, “Vernonia Amygdalina 20%”, Water QS.</p> <p>32. Sacocephalus 1W/V, Cleistophoris Patens 1W/V, Ocimum Gratissimum 1W/V, Cassytha Filiformis 1W/V, “Vernonia Amygdalina 0.5W/V”, Colocynthis Vulgaris 0.5W/V, Zingiber Officinale 0.5W/V, Mangepera Indica 0.5W/V, Tetraptera 0.5W/V</p> <p>33. Vascum Album 25%, Phyllanthus Amarus 25%, “Vernonia Amygdalina 25%”, Azadirachta Indica 10%, Taraxacum Officinale.</p> <p>34. “Vernonia Amygdalina 12%”, Saccharum Officinarum 11.5%, Allium Sativum 13%, Cajanus Cajan 11.5%, Zingiber Officinale</p>	<p>Of High Blood Sugar</p> <p>30. Use to cleanse the colon</p> <p>31. For the system relief of Urinary Tract Infection</p> <p>32. Used for Management of Feverish Condition.</p> <p>33. Used For the management of High Blood Pressure</p> <p>34. Used As Colon Cleanser</p> <p>35. Traditionally used for the</p>	<p>30. Goko Herbs West African Limited</p> <p>31. Emmanuel Ama ventures</p> <p>32. Marian O. Enterprises NIG.</p> <p>33. Oc Kween Industries Limited</p> <p>34. Prinkenoba Nigeria Limited</p> <p>35. Luckystar Global Natural Health Care CO. NIG. LTD.</p>
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		<p>0.5%, Caramel 1.5%, Moringa Oleifera</p> <p>35. Azadirachta Indica 37.50g, Anacardium occidentale 25.00g, Aloe Vera 25.00g, Allium Sativum 12.50g, “Vernonia Amygdalina 12.50g”, Zingiber Officinale 12.50g.</p> <p>36. Picralima Nitida 35%, Kigelia Africana 25%, “Vernonia Amygdalina 40%”</p> <p>37. Zingiber Officinale 5%W/V, “Vernonia Amygdalina 5%W/V,” Saccharum Officinarum 5%, Colocynthis Citrullus 2.5 W/V, Water QS</p>	<p>relief of Body pains</p> <p>36. Used In the Management of High Blood Sugar.</p> <p>37. Used to clean the colon</p>	<p>36. Katra Integrated Service</p> <p>37. Heisrisen International Limited</p>
Zanthoxylum Zanthoxyloides	<p>1. Chukatrin Herbal Mixture</p> <p>2. Alfro Herbs Carocane Herbal Mixture</p>	<p>1. “Zanthoxylum Zanthoxyloides 25%”, Aloe Vera 15%, Zingiber Officinale 10%, Panax Ginseng 15%, Carica Papaya 10%.</p> <p>2. “Zanthoxylum Zanthoxyloides”, Ethanol, Water QS.</p>	<p>1. Used For The Symptomatic Relief Of Urinary Tract Infection</p> <p>2. For the relief of tooth ache and as mouth wash.</p>	<p>1. Chucks Herbal Ventures</p> <p>2. Alfonso Herbals.</p>
Zea Mays L./ Maize	<p>1. Josrup Herbal Mixture</p> <p>2. Osisine Herbal Powder</p>	<p>1. Elaeis Guineensis Flower 20%, “Zea Mays Cob 15%”, Water QS.</p> <p>2. Piper Guinensis 8.2g, Vigna Unguiculata 8.2g, “Zea Mays 1g”</p>	<p>1. Used For the Relief of Cough</p> <p>2. Enhances Body Immunity</p>	<p>1. Joslak Isola Ventures</p> <p>2. Osisine Herbal Hospital Limited.</p>
Zingiber Officinale/ Ginger	<p>1. Loggo Bitters</p> <p>2. Yalumo Bitters Herbal Mixture</p>	<p>1. Colocynthis Citrullus 30%, “Zingiber Officinale 30%”, Abrus Canescens 15%, Water QS.</p> <p>2. Momordica Indica 15%, Mondia Whietei 10%, Lepidium</p>	<p>1. Symptomatic Relief of Urinary Tract Infection</p> <p>2. Used For Vigour and Vitality and</p>	<p>1. Kayfadh Herbalceuticals</p> <p>2. Emione Nigeria Ltd.</p>

	3. Taam Herbal Mixture	Sativum 15%, Morinda Incida 10%, Cassia Alata 10%, “Zingiber Officinale 5%” , Alcohol 15%, Water 20%.	promotes General Well-being	
	4. Alberchin Herbal Cleanser	3. Citrus Limon-80%, Allanthus Altissima-15%, Allium Cepa 1.5%, Lycopersicon Esculentum 1.5%, Anthiocleista Ajalonensis 1%, Allium Sativum 0.5%, “Zinigiber Officinale 0.5%”	3. Used as a herbal Cleanser	3. Ashifaul-Haqi Nigeria
	5. Jalin Herbal Powder, Mixture	4. Allium Sativum, “Zingiber Officinale” , Sorghum Bicolor, Mangifera Indica, Brysocarpos Coccineus.	4. Used As A Herbal Cleanser	4. Alberchin Herbal Cure Ltd.
	6. Naheps Lyline	5. Psidium Guajava 2%, Cymbopogon Citralus 1.65%, “Zingiber Officinale 1.35%” , Xylophia Aethiopica 1.30%, Ginseng 1.08% Mixture: Contains Water QS.	5. For THE Symptomatic Relief OF Urinary Tract Infection.	5. Frija Nig. Ltd.(Natural Medicine Department)
	7. Mustaipho Herbal Mixture	6. Honey 30%, Garcina Cola 30%, Allium Sativum 30%, “Zinginer Officinale 10%”	6. Management of High Blood Pressure	6. Natural Health Products And Service Limited
	8. Activite Herbal Mixture	7. Citrus Medica 70%, “Zingiber Officinale Red 10%” , “Zingiber Officinale White 5%” , Capsicum Annum 3%, Potash 2%, Water QS.	7. Traditionally used for the relief of feverish conditions.	7. Ajebi Trado Medical Company.
	9. Marugbotakebe Herbal Mixture	8. Allium Sativum 6%, Carica Papaya 4%, Euphorbia Unispina 3%, Hibiscus Sabdarifa 3%, Picralima Nitida 2%,	8. Used In Management Of Feverish Condition And	8. Holistic Lifecare International Mosebolatan Plaza

	10. Ph 3000 Powder	<p>“Zingiber Officinale 2%”.</p> <p>9. Morinda Lucida 4%, Momordica Charantia 4%, Spondias Mombin 4%, “Zingiber Officinale 2%”, Water 2%.</p>	<p>Stomach Disorder.</p> <p>9. For Vitality and Vigor</p>	<p>9. Exfo Herbal Mega-Care Ltd</p>
	11. Ernest Herbal Solution	<p>10. Cape Aloe Leaf 34%, Cascara Sagrada Bark 23%, Barberry Root 15%, Dandelion Root 10%, “Zingiber Officinale 6%”, Fenugreek seed 12%.</p>	<p>10. used to cleanse the colon</p>	<p>10. Perfect Health Herbal Products AND Nutraceuticals Limited</p>
	12. Broncho med Cough Syrup	<p>11. “Zingiber Officinale 5%”, Eucalyptus Officinale 10%, Allium Sativum 5%, Musa Paradidiaca 10%, Liliaceae Fabaceae 10%, Basil Ocimum 5%, Water Q.S</p>	<p>11. For The Symptomatic Relief Of Urinary Tract Infection</p>	<p>11. Mac Ernest Iyayi Nig. Ltd.</p>
	13. Al-Istiqomah Herbal Mixture X 100ml	<p>12. Vasaka Leaf 375Mg, Ocimum Sanctum 75mg, Teminala Belerica 50mg, “Zingiber officinale 25mg”, Calatropis Gigantea 25mg, Piper Nigrum 12mg, Myristica Fragrans 2.5mg, Piper Longum 15mg, Syrup Base Q.S</p>	<p>12. Used For the relief of cough</p>	<p>12. Onifam Laboratories limited</p>
	14. Chukatrin Herbal Mixture	<p>13. “Zingiber Officinale 7%”, Xylophia Aethiopica 6%, Tetrapleura Tetraptera 6%, Nicotiana Tabacum Leaf 1%, Water QS.</p>	<p>13. Used in the management of High blood pressure.</p>	<p>13. Al-Istiqomah Tradomedical Herbal Ventures.</p>
	15. Pax Herbal Cough Syrup	<p>14. Zanthoxylum Zanthoxyloides 25%, Aloe Vera 15%, “Zingiber Officinale 10%”, Panax Ginseng 15%, Carica Papaya 10%.</p>	<p>14. Used For The Symptomatic Relief Of Urinary Tract Infection</p>	<p>14. Chucks Herbal Ventures</p>
	16. Soso Cleanser	<p>14. Zanthoxylum Zanthoxyloides 25%, Aloe Vera 15%, “Zingiber Officinale 10%”, Panax Ginseng 15%, Carica Papaya 10%.</p>	<p>14. Used For The Symptomatic Relief Of Urinary Tract Infection</p>	<p>15. Paxherbal clinic and</p>

	17. Dr Nana Kwame Herbal Remedy Solution	15. “Zingiber Officinale” , Garcina Cola, Bryophyllum Pinnatum, Eucalyptus Species, Honey	15. Clears Bronchial Tracts and Nasal Congestion	Research Lab Ltd. 16. Gbelero Naturalist Care
	18. Welly Bitters Herbal Mixture	16. Chrysophyllum Albidum 10%, “Zingiber Officinale 10%” , Parinari Sp 20%, Sorghum Bicolor 30%, Water QS.	16. Used to Cleanse the Colon	17. Orifan Nig. Enterprises
	19. Dr Igah Bitter Cleanser Herbal Mixture	17. Aloe Vera Leaves 12%, Uvaria Chamae roots 11%, Khaya Senegalensis 10%, Mustard Seed 11%, Piper Guineese 2%, Xylopia Aethiopica 2%, “Zingiber Officinale 2%” , Honey 2%, Water QS.	17. Management of Stomach Disorder And Feverish Conditions.	18. Heisrisen International Limited
	20. Meje Meje Ointment	18. “Zingiber Officinale 5% W/V” , Vernonia Amygdalina 5%W/V, Saccharum Officinarum 5%, Colocynthis Citrullus 2.5 W/V, Water QS	18. Used to cleanse the colon	19. Remy Rose Global Impex Nig Ltd.
	21. Lacho Herbal Mixture	19. “Zingiber Officinale 6%” , Azadirachta Indica 6%, Ethyl Alcohol 4.0%, Salix Chaenomeloides 3.0%, Water Qs;	19. Used to improve appetite and aid Digestion;	20. Asayioje chemical and commercial company.
	22. Actor Balm	20. Afromomum Meleguete 1.7%, “Zingiber Officinale 1.7%” , Elaeis Guineensis 2%, Aloe Vera 1.1%, Mentha Arvensis 2.5%, Cinnamomum Camphora 1.2%, Mentha Piperita 1.3%, Eucalyptus Radiate 1%, Chamelaucium Uncinatum 1.1%, Syzygium Guineese Q.S	20. Used in the management of Back and Headache	21. Lacho Medical and

			21. Boosts the Immune System	Allied Foods Industries
	23. Dr Nana Kwame Herbal Mixture	21. <i>Murraya Koenigii</i> 15%, " Zingiber Officinale 15% ", <i>Allium Sativum</i> 10%, <i>Camellia Sinensis</i> 5%, <i>Magnifera Indica</i> 10%, Water Q.S		
	24. D-Happy Life Herbal Mixture	22. <i>Afromomum Melegueta</i> 2.4%, " Zingiber Officinale 2% ", <i>Elaeis Guineensis</i> 3%, <i>Piper Guineensis</i> 2%, <i>Allium Ascaloniumcum</i> 2%, <i>Mentha Arvensis</i> 2.5%, <i>Cinnamomum Camphora</i> 1.5%, <i>Mentha Piperita</i> 1.5%, <i>Capsicum annum</i> 2%, <i>Chamelaucium Uncinatum</i> 1.1%, <i>Syzygium Guineense</i> .	22. Used in the management of Backache and Headache	22. Asayioje chemical and commercial company.
	25. Hamzine Herbal Powder	23. <i>Aloe Vera Leaves</i> 18%, <i>Uvaria Chamae</i> 17%, <i>Hydrastis Canadensis</i> 17%, <i>Khaya Senegalensis</i> 16%, <i>Mustard Seed</i> 17%, <i>Piper Guineese</i> 2%, <i>Xylophia Aethiopica</i> 2%, " Zingiber Officinale 2% ", <i>Honey</i> 2%, <i>Water</i> QS.	23. Management Of Feverish Conditions	23. Orifan Nig. Enterprises
	26. Edes Supa Mixture	24. <i>Nauclea Diderrichii</i> 15%, <i>Uvarie Chamae</i> 15%, <i>Treculia Africana</i> 10%, <i>Vernonia Amygdalina</i> 10%, <i>Citrus Limonia</i> , <i>Carica Papaya</i> 10%, <i>Allium Sativum</i> 10%, " Zingiber officinale 10% ", <i>Aloe Vera</i> 10%.	24. Symptomatic relief of Urinary Tract Infection	24. Anto-Ifee Industries Nig.
	27. Edes A.E Powder	25. <i>Nauclea Latifolia</i> 15%, <i>Alstonia Boonei</i>	25. For the management of Feverish Condition	25. Hamzat Herbal Ventures
	28. Edes Akhigbeme Powder			
	29. Obinasia Herbal Mixture			

		15%, Lophira Alata 15%, “Zingiber Officinale 15%” , Azadirachta Indica 20%;		26. Dr. Akhere Edehomon Herbal Home And Nativity Nig. LTD.
	30. Dr. Agnes Nwamma Herbal Tooth Powder	26. Astonia Boonei 8g, Allium Sativum 8g, “Zingiber Officinale 8g” , Water Q.S	26. Management of Pile and its associated pains	27. Dr. Akhere Edehomon Herbal Home And Nativity Nig. LTD.
	31. Al-Hilal Herbal Mixture	27. Astonia Boonei 5g, Anthocleista Liebrecht Siana 5g, Allium sativum 5g, “Zingiber Officinale 5g”	27. Symptomatic relief of urinary tract infection	28. Dr. Akhere Edehomon Herbal Home And Nativity Nig. LTD.
	32. Al-Hidayah Herbal Mixture	28. Anthocleista Liebrecht Siana 6.5g, Allium sativum 6.5g, “Zingiber Officinale 7g”	28. Symptomatic relief of urinary tract infection	29. Obinth-En International limited;
	33. 2Goyet Herbal Mixture	29. Aloe Barbadensis 2%, Carica Papaya 4%, “Zingiber Officinale 5%” , Mammmea Americana 5%, Allium Sativum 3%, Ocimum Gratissimum 5%, Honey 40%, Magnifera Indica 5%, Hierba Luisa 4%, Psidium Guajava 4%, Citrus Limonia 2%, Palm wine 12%;	29. Used for the management of High Blood Sugar	30. Dr. Agnes Nwamma Enterprises
	34. Zimu-Cay Capsule	30. “Zingiber Officinale 15g” , Aloe Vera 15g, Mentha Piperita 10g, Calcium Carbonate 15g, Sodium Sulphate 10g, Icing Sugar 5g	30. Used For The Management Of Toothache, Mouth Odor And Tooth Decay.	31. Allahu Samad Herbal Clinics.
	35. Nka Herbal Mixture	31. “Zingiber officinale 20%” , Tetrapleura Tetraptera 15%, Xylophia Aethiopicum 13%, Nicotiana Tabacum Leaf 3%, Water QS.	31. Used in the management of High blood Pressure	32. Al- Istiqomah Tradomedical Herbal ventures.

	36. Amako Herbal Mixture	32. “Zingiber Officinale 8%” , Tetrapleura Tetraptera 6%, Xylopia Aethiopice 5%, Nicotiana Tabacum Leaf 1%, Water QS.	33. Used for the management of Pile	33. Father Sico Herbal Manufacturing Company
	37. Kelefrank Herbal Mixture	33. Cassia Sieberiana 25%, Allium Capa 10%, Mangifera Indica 25%, Caramel Syrup 10%, “Zingiber Officinale 15%” , Water QS	34. Food Supplement to promote general wellbeing	34. Ziga Pharmacy Limited
	38. G.Winkoherbs Ozor Bitters	34. Moringa Olefeira 30%, Garcia Cola 15%, “Zingiber Officinale 17%” , Capsicum Annuum 13%, Terfaira Occidentalis 10%, Gongronema Latifolium 10%, Ocimum Gratissimum 5%.	35. Relief of Feverish Conditions	35. Edem Herbal Cleanser
	39. Royal Cleansing Herbal Mixture	35. Swietenia Macrophylla, Ananas Comosus, Citrus Aurantifolia, Allium Sativum, Zingiber Officinale, Garcinia Kola, Water	36. Management of the symptoms of Urinary Tract Infection.	36. Goliana Dynamic Concept
	40. Betasil Herbal Lozenges (Ginger mint)	36. Carica Papaya 30%, Mangifera Indica 20%, “Zingiber Officinale 10%” , Allium Sativum 10%, Water QS	37. For Relief Of Cough	37. Global Frankele Enterprises
	41. Hyper Grip Herbal T- Formula	37. Tussilago Farfara (Plant) 35%, “Zingiber Officinale (Root) 20%” , Peppermint oil 10%, Water Q.S	38. Used For General Body Cleansing And Helps To Boost Immunity.	38. G.Winco Tradomedical centre.
	42. Dr. Iguedo’s Goko Cleanser Herbal Mixture	38. Aloe Vera 20%, Allium Sativum 2%, “Zingiber Officinale 12%” , Moringa	39. For the management of feverish conditions	39. Nnenu Ventures Global Service Ltd.

	43. Activite Herbal Mixture	Oleifera 12%, Natural Honey 4%, Citrullus Colocynthis 10%.		
	44. JP Tansi Cleanser	39. Anthiocreista Djalonensis 15%, Cymbopogan Citratus 10%, Azadirachta Indica 10%, Gongronema Latifolium 7%, Allium Sativum 6%, “Zingiber Officinal 6%” , Water	40. Relief of Sore Throat	40. Aspen Pharmacare Nigeria Limited
	45. Mevan Herbal Mixture	40. Glycyrrhiza Glabra 20mg, Termibalia Beterica 5mg, “Zingiber Officinale 5mg” , Cucumba Longa 2mg, Mentha Piperita 7mg.	41. Management Of Feverish Conditions	41. Taokub herbal Home.
	46. Ashifaa Ashiko Herbal Mixture	41. Lawsonia Inermis 12%, Cymbopogon citratus 10%, “Zingiber Officinale 10%” , Morinda Lucida 8%, Allium Capa 7%, Allium Sativum 5%, Ethanol 5%, Water Qs;	42. Used to cleanse the Colon	42. Goko Herbs West Africam Limited
	47. Akachukwu Herbal Remedy	42. Vernonia Amygdalina 12%, Saccharum Officinarum 11.5%, Allium Sativum 13%, Cajanus Cajan 11.5%, “Zingiber Officinale 0.5%” , Caramel 1.5%, Water QS.	43. Used in the Management of Feverish conditions and stomach disorder.	43. Holistic Lifecare International.
	48. Dr Aladdin’s Tonic Herbal Extract	43. Allium Sativum 6%, Carica Papaya 4%, Euphorbia Unispina 3%, Hibiscus Sabdarifa 3%, Picralima Nitida 2%, “Zingiber Officinale 2%” , Treated Water QS.	44. Traditionally Formulate for the symptomatic relief of urinary tract infection.	44. Godvinak Integrated Ventures NIG. LTD.
		44. Cajanus Cajan 28%, Vernonia	45. Used for the management of feverish conditions.	45. Marian O. Enterprises NIG.

	<p>49. Jesodueme Akakpojonaigala Herbal Mixture</p> <p>50. Heritage Herbal Cleanser with Moringa</p> <p>51. Al-Shifau Herbal Mixture</p> <p>52. Chindus Herbal Mixture</p> <p>53. Luckystar Bitter Powder</p> <p>54. GrinHerb Herbal Capsule</p> <p>55. Eradi Plus Herbal Liquid</p>	<p>Amygdalina 22%, Aloe Barbadensis 15%, Allium Sativum 14%, Moringa Oleifer 11%, “Zingiber Officinale 10%”, Water.</p> <p>45. Sacocephalus 1W/V, Cleistophoris Patens 1W/V, Ocimum Gratissimum 1W/V, Cassytha Filiformis 1W/V, Vernonia Amygdalina 0.5W/V, Colocynthis Vulgaris 0.5W/V, “Zingiber Officinale 0.5W/V”, Manglefera Indica 0.5W/V, Tetrapleura Tetraptera 0.5W/V</p> <p>46. Citrus Aurantifolia 60%, Apis Mellifer 20%, Nigella Sativa 4%, “Zingiber Officinale 6%”, Allium Sativum 5%, Syzgium Aromaticum 5%.</p> <p>47. Allium Sativum 30%, “Zingiber Officinale 20%”, Honey 40%, Palm Wine 10%.</p> <p>48. “Zingiber Officinale 10%”, Xylophia Aethiopia, Anthocleista Nobilis 40%, Rauwolfia Vomitoria 5%, Piper Guinensis 5%, Curcuma Longa 5%, Strophantus Hispidus 5%, Water QS.</p> <p>49. Allium Sativum 18.5%, Glycine Max 17%, “Zingiber Officinale 14.5%”, Water QS</p>	<p>46. Relief of Cough</p> <p>47. For the relief of stomachache.</p> <p>48. For the relief of General body Pain.</p> <p>49. For The management of Symptoms of urinary tract infection.</p> <p>50. Used as Colon cleanser.</p> <p>51. Used In the management of High Blood Pressure.</p>	<p>46. Ashifaul Haqi Limited.</p> <p>47. Aka-chukwu Herbal Products & Nutraceuticals.</p> <p>48. F.A Ike and Sons Ltd.</p> <p>49. Jesodueme Akakpojonaigala Herbal Home</p> <p>50. Prinkenoba Nigeria Limited</p> <p>51. Al-Shifau Nig. Ent.</p>
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	56. Stallion Formula Powder	50. Vernonia Amygdalina 12%, Saccharum Officinarum 11.5%, Allium Sativum 13%, Cajanus Cajan 11.5%, “Zingiber Officinale 0.5%” , Caramel 1.5%, Moringa Oleifera	52. Used in the symptomatic relief of Urinary Tract Infection.	52. Chindus Tradomedical Services.
	57. Magdent Herbal Dental Powder	51. Xylopia Aethiopica 20%, Tetrupleura Tetraptera 15%, “Zingiber Officinale 10%” , Nicotina Tabacum 1%, Water QS.	53. Traditionally used for the relief of Body pains	53. Luckystar Global Natural Health Care CO. NIG. LTD.
	58. Iye Ni Temi Jedi Jedi Herbal Mixture	52. Mangera Indica 5%, Treculia Africana 4%, “Zingiber Officinale 2%” , Carica Papaya 5%, Cymbopogon Citratus 5%, Citrus Limonia 4%, Allium Sativum 2%, Psidium Guajava 3%, Water QS.	54. Used in the management of Bacterial Infection	54. Olason Herbal NIG. Ltd
	59. Testijudy Uko Mixture Liquid	53. Azadirachta Indica 37.50g, Anacardium occidentale 25.00g, Aloe Vera 25.00g, Allium Sativum 12.50g, Vernonia Amygdalina 12.50g, “Zingiber Officinale 12.50g” .	55. For the Relief of Feverish Condition	55. Luckystar Global Natural Health Care CO. NIG. LTD.
	60. Ajoo Herbal Mixture Liquid	54. Momordica Charantia Leaf 150mg, “Zingiber Officinale 175mg” , Nauclea Latifolia Leaf 175mg.	56. Used for the management of pile pain And erection dysfunction in men	56. Tadyem Herbal Ventures
	61. Gudugudu Kolabo Extra Herbal Mixture	55. Rhamnus Purshianaus 25%, Tamarindus Indica 15%, Allium Sativum 15%, Sorbus Aucuparia 20%, “Zingiber Officinale 25%” .	57. Dental And Oral Care	57. Nduglos Global Ltd.
		56. “Zingiber Officinale Root 15%” , Khaya		

		<p>Grandifoliola Bark 15%, Stauditia Stipitata Bark 20%, Commelina Erecta Root 25%, Microdesmis Punerula Root 25%</p> <p>57. Calcium Carbonate 36.25%, Glycyrrhiza Glabra (Licorice Root) 15%, Menthol 15%, Sodium Lauryl sulphate 10%, Aloe Vera 10%, “Zingiber Officinale (Ginger)10%”, Peppermint oil 3.13%, Sea Salt 0.62%.</p> <p>58. Khaya Grandifoliola(Root) 25%, Zingiber Officinale (Root) 25%, Ethanol 5%, Treated Water QS.</p> <p>59. Cinnamon Powder 25%, Mentha X Piperita 21%, Olea Europea 17%, Allium Sativum 15%, “Zingerber Officinale 10%”, Honey 12%.</p> <p>60. Tetrapleura Teraptera 16.3%, “Zingiber Officinale 10%”, Mangifera Indica 7%, Water QS</p> <p>61. Khaya Grandifoliola 25%, “Zingiber Officinale 25%”, Ethanol 5%, Water QS.</p>	<p>58. Used as Colon Cleanser</p> <p>59. Used For the relief of Cough</p> <p>60. Used For the management of Pile and associated Pains</p> <p>61. Used For The Management of waist Pain</p>	<p>58. Rucca De Best International</p> <p>59. Testimony Natural Herbal</p> <p>60. Ajoo Ursharl Herbal Powder.</p> <p>61. Gudugudu Herbal Worldwide Enetrprises</p>
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