

***Data Set Number 15: Indigenous ecological knowledge in southwestern Niger
(Ethnobotanical survey)***

Identification_Information:

Citation:

Citation_Information:

Publication_Date: Unpublished material

Title: Indigenous ecological knowledge in southwestern Niger

Edition: first version

Geospatial_Data_Presentation_Form: spreadsheet

Description:

Purpose: The survey was carried out to document indigenous ecological knowledge specifically the different uses of the herbaceous and woody plant species, and strategies for conservation.

Supplemental_Information: This is still a raw data that is yet to be analysed talkless of being published

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: April 2005

Ending_Date: December 2005

Status:

Progress: In work

Maintenance_and_Update_Frequency: Irregular

Keywords:

Theme:

Theme_Keyword: Indigenous knowledge

Theme_Keyword: plant genetic resources

Place:

Place_Keyword: Sahel

Place_Keyword: Western Niger

Place_Keyword: Fakara

Access_Constraints: The data is not yet analysed and is therefore not available until publication

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: ILRI/ICRISAT

Contact_Person: AYANTUNDE A. AUGUSTINE

Contact_Position: Animal Scientist

Contact_Address:

Address_Type: mailing and physical

Address: BP: 12404, Niamey

Fax: 20752804

City: NIAMEY

Country: NIGER

Contact_Voice_Telephone: Tel: +227 20722529

Contact_Electronic_Mail_Address: a.a.ayantunde@cgiar.org

Hours_of_Service: Monday to Friday, From 8H am to 16H pm

Data_Set_Credit: The survey was partially funded by Desert Margins Programs (DMP). The dataset belongs to ILRI.

Native_Data_Set_Environment: Microsoft Excel

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report: About 200 farmers and herders of two ethnic groups - Djerma and Peulh - were interviewed on their knowledge of the herbaceous and woody plant species in Fakara.

Lineage:

Process_Step:

Process_Description: Data collected from the survey were entered by an assistant using Microsoft Excel. Preliminary statistical analysis of the data will be performed using SAS.

Process_Date: Not complete

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: Ethno-botanical survey

Entity_Type_Definition: Explanation of codes for survey on ethnobotany conducted in Fakara (April - Dec 2005)

Entity_Type_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: ENQUET

Attribute_Definition: Enumerator who conducted the interview (1 to 3 for the 3 enumerators)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: RESID

Attribute_Definition: Identification number of the respondent (1 to 209)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: GENDER

Attribute_Definition: Gender of the respondent (Male = 1; Female = 2)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: MARSTAT

Attribute_Definition: Marital status of the respondent (Married = 1; Single = 2)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: ETHNIE

Attribute_Definition: Ethnicity of the respondent (Djerma = 1; Peulh = 2)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: OCCUPA

Attribute_Definition: Occupation of the respondent (Farmer = 1; Household worker = 2; Herder = 3; bricklayer = 4; Others = 5)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: TERROIR

Attribute_Definition: Village territory (Banizoumbou = 1; Tchigo = 2; Kodey = 3)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:

Attribute_Label: VILLAGE

Attribute_Definition: Village of the respondent (Banizoumbou = 1; Yellowa = 2; Boundou = 3; Tchigo Tegui = 4; Katanga = 5; Kodey = 6; Gorou Yena = 7)

Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: AGE
Attribute_Definition: Age of the respondent
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: EDULEV
Attribute_Definition: Education level of the respondent
(Illiterate = 1; Primary = 2; Secondary = 3; Arabic education = 4;
Higher education = 5)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: GROUP
Attribute_Definition: Survey group of the respondent (Adult
Djerma male = 1; Young Djerma male = 2; Adult Djerma female = 3; Young
Djerma female = 4; Adult Peulh male = 5; Young Peulh male = 6; Adult
Peulh female = 7; Young Peulh female = 8)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: PLANT
Attribute_Definition: Plant species number (1 to 123)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: MEDUSE
Attribute_Definition: of the plant species for medicine (Yes or
No)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: MEDPART
Attribute_Definition: Plant part being used for medicine (E =
Bark; G = Fruits; F = Leaves; L = Flowers; R = Root; T = Stem; S =
Sap; J = Young plant ; P = whole plant)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: MEDHA
Attribute_Definition: Use for medicine by Man (H) or animal (A)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: MEDHA
Attribute_Definition: Use for medicine by Man (H) or animal (A)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: MEDMAL
Attribute_Definition: Disease being used to treat
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: FOODUSE
Attribute_Definition: Use of plant species for food (Yes or No)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: FOODPAR
Attribute_Definition: Plant part being used for food (see MEDPART
for codes)
Attribute_Definition_Source: Ayantunde A. Augustine

Attribute:
Attribute_Label: FEEDUSE
Attribute_Definition: Use of plant species as feed for animal
(Yes or No)

Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: FEEDPAR
 Attribute_Definition: - Plant part being used as feed (codes the same as MEDPART)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: FEEDPAL
 Attribute_Definition: Palatability of the plant species (Refuse by animals = 1; Consume by the animals when there is nothing to eat = 2; Generally eaten by the animals = 3; Highly preferred by the animals = 4)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: FEEDANI
 Attribute_Definition: Animal species that consume the plant (Cattle = B; Sheep = M; Goat = C; Donkey = A; Horse = E; Camel = H; Poultry = V; All species = T)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: CONSUSE
 Attribute_Definition: Use of plant species for construction (Yes or No)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: CONSPAR
 Attribute_Definition: Plant part being used for construction (codes the same as MEDPART)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: COMBUSE
 Attribute_Definition: Use of plant species as fuel wood (Yes or No)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: COMBPAR
 Attribute_Definition: Plant part being used for household cooking (codes the same as MEDPART)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: TIMBUSE
 Attribute_Definition: Use of plant species for timber (Yes or No)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: TIMBPAR
 Attribute_Definition: Part being used as timber (codes the same as MEDPART)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: OTHEUSE
 Attribute_Definition: Usage of plant species for other purpose than mentioned above (Yes or No)
 Attribute_Definition_Source: Ayantunde A. Augustine
 Attribute:
 Attribute_Label: OTHEPAR
 Attribute_Definition: Plant part being used (codes the same as MEDPART)

Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: HABITAT
Attribute_Definition: Habitat where the plant is normally found (D: Sand dunes; M: Marshes or waterlogged area; U: Understorey; P: Plateau; V: Valley; A: Around the village; T: Everywhere)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: SOILTYP
Attribute_Definition: Soil type where the plant species is normally found (S: Sandy soil; C: Clay soil; L: Loamy soil; T: Everywhere)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: SOLEFF
Attribute_Definition: Effect of the plant species on soil fertility (Positive = P; Negative = M; Neutral = E)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: TOXIC
Attribute_Definition: Toxicity of the plant species to man or animal (Not toxic = N; Toxic to animal = A; Toxic to man = H; Toxic to both man and animal = E)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: POPPRE
Attribute_Definition: Present population of the plant species (A: Abundant; B: Moderately available; C: Rare; D: Not available)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: POPPAST
Attribute_Definition: Past population of the plant species compared to the present population (Increase = A; Decrease = D; No change = N; Disappeared = I)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: TOLEDRO
Attribute_Definition: Tolerance of the plant species to drought (A: Not tolerant; B: Marginally tolerant; C: Moderately tolerant; H: Highly tolerant)
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: MARKSTA
Attribute_Definition: Market value of the plant species (1. Readily marketable (that is there is a ready market for it); 2. Seasonally marketable (there is a season when it is marketable))
Attribute_Definition_Source: Ayantunde A. Augustine
Attribute:
Attribute_Label: MARKPAR
Attribute_Definition: Plant part being sold in the market (codes the same as MEDPART)
Attribute_Definition_Source: Ayantunde A. Augustine
Distribution_Information:
Distributor:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Ayantunde A. Augustine

Contact_Organization: ILRI/ICRISAT
Contact_Position: Animal Scientist
Contact_Address:
 Address_Type: mailing and physical
 Address: BP: 12404, Niamey
 City: Niamey
 Country: Niger
 Contact_Voice_Telephone: +227 20722529
 Contact_Facsimile_Telephone: 20752804
 Contact_Electronic_Mail_Address: a.a.ayantunde@cgiar.org
Resource_Description: Ethno-botanical survey
Distribution_Liability: Restricted data.
Metadata_Reference_Information:
 Metadata_Date: 20070115
 Metadata_Contact:
 Contact_Information:
 Contact_Person_Primary:
 Contact_Person: AMADOU M.Laouali
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