toponymy course:

Fieldwork

Ferjan Ormeling

MANUAL DE CERTIFICAÇÃO DE NOMES GEOGRÁFICOS DO MAPEAMENTO SISTEMÁTICO BRASILEIRO

Metodologia para a Coleta

Contents:

1. The certification of geographical names

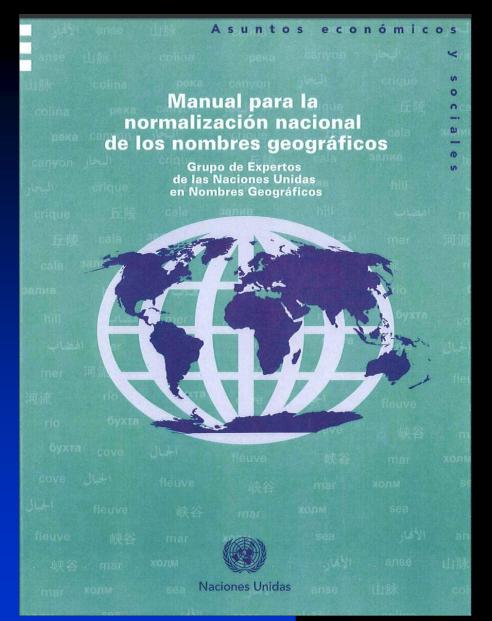
1.1. The specificities of the collection of geographical names in the certification process: differences between the collection aiming at standardization and collection carried out in traditional reambulation

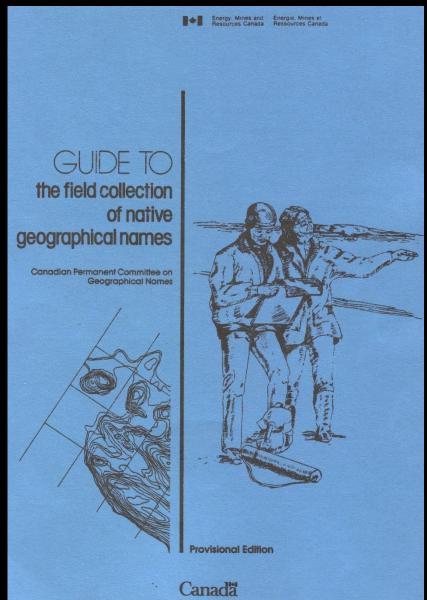
2. Before going into the field: campaign planning and research

- 2.1 step 7: Obtaining and preparing field instruments
- 2.2 step 8: Research, procurement and preparation of the inputs and initial information available for the execution of the pre-field planning
- 2.3 step 9: comparative analysis
- 2.4 Step 10: Fill in the tables of information on the geographical names to be surveyed in the field (Vector File Attributes Table), with the information collected in the office and with the doubts generated in the comparative analysis
- 2.5 step 11 Survey of linguistic doubts

3.during the fieldwork - the work in the field

- 3.1 departure of teams for the field
- 3.2 the interviews
- 3.3 verification and proof of traditional spelling
- 3.4 photographs in the field
- 3.5 activities of the supervisor in the work in the field
- 3.6. field office activities
- 3.7. end of the fieldwork





Fieldwork objectives

- Identify local landmarks/features referred to by people in their day-to-day conversation
- Record well-established names for these features in the area
- Record the nature, location and extent of these features
- Check whether names previously used in maps are still in use

Fieldwork instructions

- Collect names in current usage
- Ascertain their proper spelling (and meaning and pronunciation)
- Indicate location and extent of named object
- Check validity of previously collected names
- Collect photographic and auditory records

Current usage:

- Current versus historical usage
- Oral usage versus written usage
- Local usage versus official usage
- Legal usage versus legislated usage
- Established usage

fieldwork preparation in the office 1

- Find maps of fieldwork area
- Prepare a scheme of the administrative hierarchy
- Preliminary calls to local authorities (to identify informers)
- Make appointments (phone numbers) with officials and other informants
- Prepare announcements in local press/twitter

Fieldwork preparation 2

- GLOSSÁRIO DOS TERMOS GENÉRICOS GEOGRÁFICOS MAPEAMENTO SISTEMÁTICO DO BRASIL
 - VOLUME 1

ESCATA 1-1 000 000 BASE CARTOGRÁFICA BRASIL AO

BIBGE

- Study the characteristics of the area
- Make a list of the generics used there
- Identify the important topographical features in the area
- Compare and list the names occurring on previous maps
- List the discrepancies in the names (make a list of doubtful names)

Mental preparation for fieldwork

- You can only visit this area once, make the most of it!
- Make a list of the doubtful names and linguistic issues encountered
- Envisage problems to be anticipated:
 - Prepare for communication and translation problems
 - Prepare for transportation problems
 - Prepare for problems in finding informants and keeping appointments
 - Prepare for animosity on behalf of local population
- Be aware of local customs of social intercourse

Finding good informants

- Local authorities that have lived long in the region and have information on recent developments
- Other official persons (religious officials, public notaries, schoolmasters, postmasters) that know the area well
- Local population widely traveled over the area, shopkeepers

Problems with names provided by informants

- How to deal with alternative views of informants (different age groups, locations, race, gender)
- Reference to the object must be clear (example: in conversation, names for settlement and for local administrative areas might be confused)
- The features the topographer wants names for might not overlap with the features the informants has names for (different spatial concepts/no existing names)
- Name changes over time and space

Usage of a name:

- How many informants know the name
- How many informants can locate it?
- Is it used by all types (gender, race, age groups) of people?
- Do people know of other names for the same object
- Which name version is used more or most?
- Are there at least 3-5 informants?

Special name inventory forms:

- Sequence or ID number
- Coordinates of the named object
- Feature code or type of named object
- Name as given on this map series (previous edition)
- Name according to previous map series
- Name according to Cadastral maps
- Name according to Inhabitants
- Name according to Public administration
- Attribute data (nr. of inh., height, language, meaning, pronunc.)
- Name as proposed by topographer
- Name as determined by names commission
- Remarks
- Sources

| Curtes en service | Codastre | Habitoris | Administrations publiques |
|---------------------------|-----------------------------|-------------------------|---------------------------|
| Commune de | SAINT - LEONARD DE - NOSL | AT | W-92 |
| SAINT-LEONALD DE - NOBLAT | SAINT- LEON ARD - DE-MORIAT | SAINT-LEOMARO-OLIMBUAT | SAINT LEONALD DE - NOBLAT |
| Commune de | ROZIERS - St . GEOR | | |
| ROZIERS-SAINT-GEORGES | RO Z IERS - SAINT - GROSGED | ROZIERS SMINT - GEORGES | ROZIERS-SAINT - GEORGES |
| Gommune | de SAINT PA | UZ. | |
| LAVAVO | LASCAUD | LASLAUD | LASCAUD |
| LASCAUX - LAYAUD | LAVAUD | LAVAUD | LA VALID - |
| Commune | A' AUGNE | | |
| AUGNE | AUGNE | AUSNE | AUGNE |
| Commune | de SAINT-AMA | ND. le. PETIT | |
| St. A MANO . le . PETIT | St. AMANE. R. PETIT | | St. AMAND. P. PETIT |
| Commune | de SAINT-JUNION- | L. BREGERE | |
| St. JUNIEN. No. BREGERE | | | St. Jumen la BREGERE |
| Commune | d' RURIAT | | |
| AURIAT | AURIAT | AURIAT | AURIAT |
| | | | |
| | | | |

| | | | | | p | PAGE: | | |
|----------------------|------------|------|-----------------------------|--|---------------------|------------------|---------|--|
| Observation | x | Ý | Nom proposé par l'opérareur | Nom retenu par la commission de toponymie | Nature du détail | Coda écriture | 1/50000 | |
| chyplicade ceriture | 535 | 2099 | SAJUT. LÉONARD de MOBLAT | | Com m | 110 | | |
| Chipt de propulation | 533 | 2083 | ROZIERS - SNINT - GEORGES | | comm | 11.2 | | |
| | 532 533 | 2084 | LAS CAUD LAVAUD | | ECAR ECAR | | | |
| Chal de papu lelim | 550 | 2087 | AUGNE | | Comm | 112 | | |
| that the population | 554 | 2036 | St RMAND . P. PETIS | Saint-Amend-le-Path | Comm | 212 | | |
| Chyt de population | 553 | 2073 | St. Jumen & Breokie | Sarat-Junier-la-Bregère | Comm | 1/2 | | |
| Chyt de population | 546 | 1097 | AUKIAT | | Comm | 112 | | |
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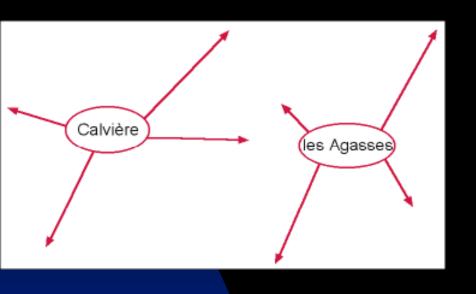
French name sheet:

- 1. Name according to current map series
- 2. Name according to cadaster
- 3. Name according to local inhabitants
- 4. Name according to local administration
- 5. Name according to old maps
- 6.coordinates
- 7. Name proposed by topographer
- 8. Name as decided by names bureau
- 9.feature type 10. map lettering code

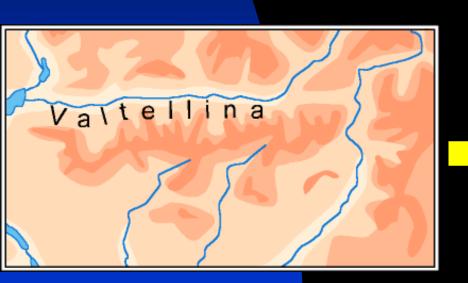


Brazilian name sheet

- B. Name on current map
- C and D. feature class and type
- E. Name according to original source
- F names according to other sources
- G cname as corrected in the office
- H. Doubts
- I. Variant names
- J.Condition K.Corrected name
- L. Old name
- M.History, motivation and meaning of the name
- N and O. Comments and name of the informants



Graphic techniques for showing extent of named linear or aerial objects





Boundaries of natural regions

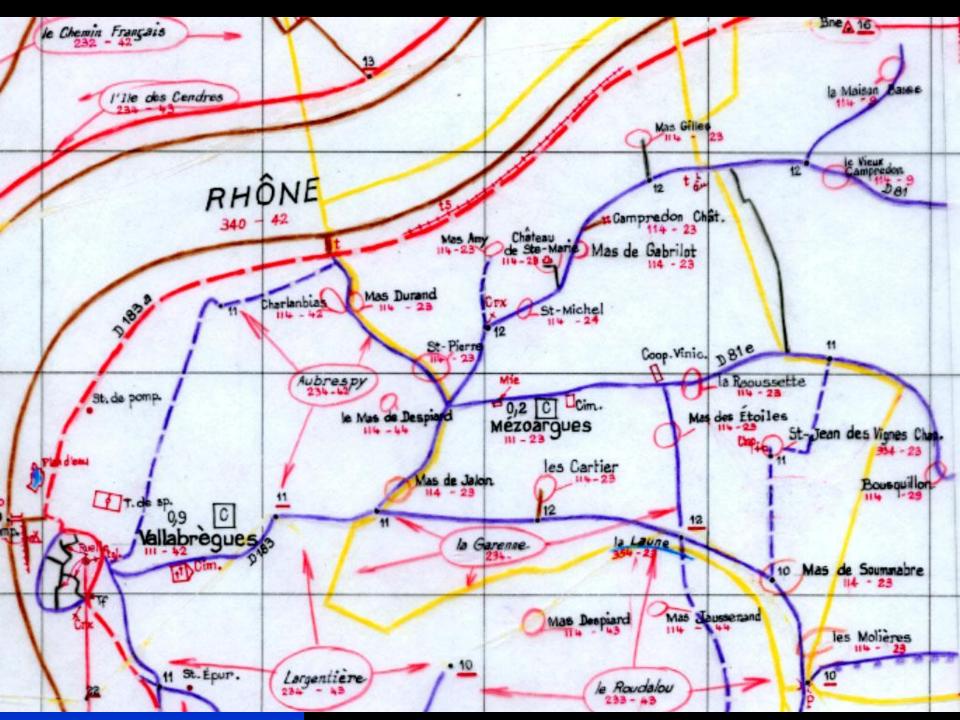


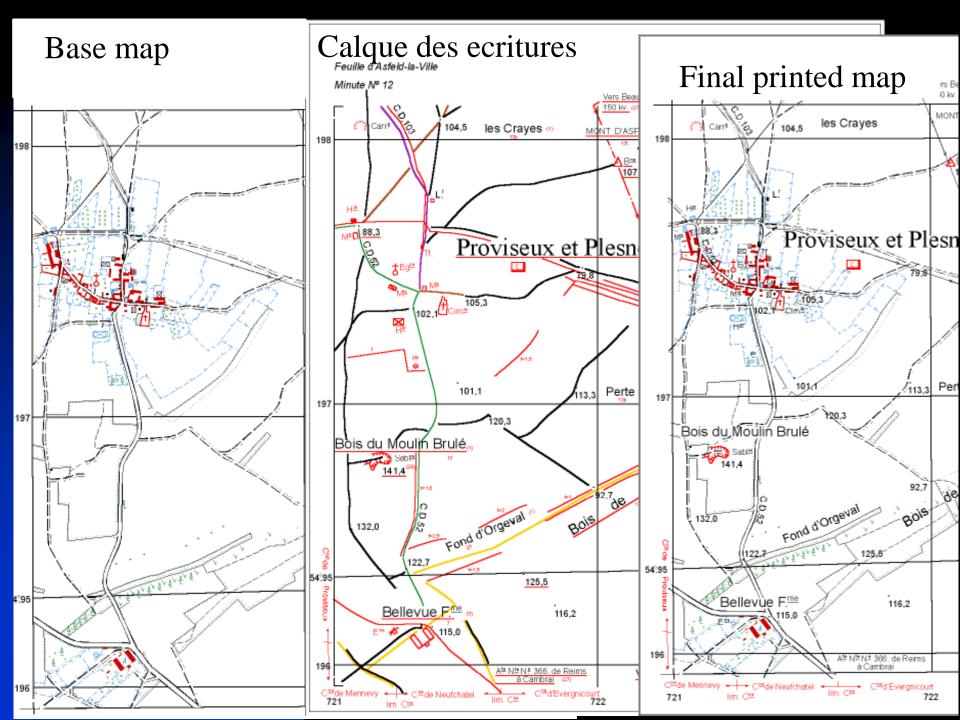


l'ile d'Aramon Mas du Pibe Calvière les Agasse Chemin Français la Maisop Basse 7 l'île des Cendres RHÔNE Campreston ampredon Chi fartanb Mas Durand St-Michel Coop. la Ragussett Bousguillon √allabrègues **√**Na§ de S<mark>'</mark>aummabre 175 Mars Despiard les Molière le Roudalou Nas de Potager e Portidui Mas de la Butte Pts de Captage Sainte-Marthe 784 785

Names model France

N international มrse, Rio 2017





Documentation

- Itinerary
- Names and addresses/phone numbers of informants
- Photographs of name plaques, road signs, names on buildings, street names (listed in field note book)
- Gps measurements and photographs of new features
- Attribute data: settlements: number of inhabitants, administrative function; roads: classification type, number of lanes; railways: number of lanes; rivers, canals: capacity for shipping; forests: height, thickness, density
- Remarks: date of name change, meaning, language,



A. Prefield Preparation: field work map and a set of instructions are prepared in the staff office to assist field-worker.



B. Going into the field.



C. Initial contacts: preliminary introduction to local people and getting acquainted with area.



D. Interviewing in the home, school, or office.



E. Interviewing in the field.

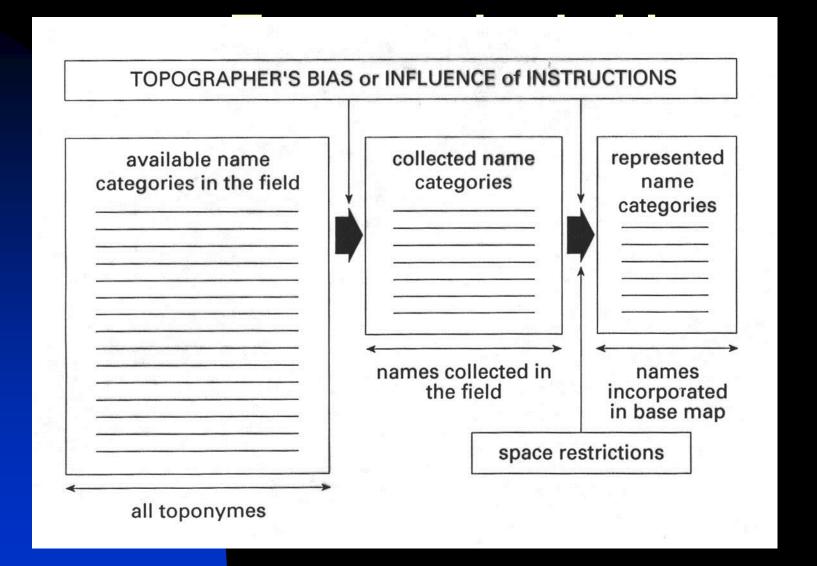


F. Preparing field reports and checking completeness of work.

Instructions for toponymists

- Definition of the feature categories that need names
- Preparation of preliminary names model
- List of sources to be consulted
- Production of a names list
- Production of final names model with letter sizes
- Required names density on final map
- Rules for spacing letters in names

- Rules for showing height s
- Rules for selecting fonts, sizes and colours
- Rules for breaking up names, use of hyphens and capital letters
- Rules for documenting the decisions regarding name spellings
- Rules for inserting descriptive terms
- Rules for abbreviations



International Phonetic Alphabet (IPA)

| IIILE | malio | | THO HELIC AIPHADEL (IPA) |
|----------------|-----------------|--------|--|
| IPA | | ou,o | beau, yeoman, sew, over, soap, roe, oh, brooch, soul, though |
| SYMBOL | | Э | ball, balk, fault, dawn, cord, broad, ought |
| æ | cat, plaid, ca | 10 | poison, toy |
| er,e | mate, bait, g | au | out, bough, cow |
| e,er | dare, fair, pr | u | rheum, drew, move, canoe, mood, group, through, fluke, sue |
| a | bar, ask, cot | U | wolf, foot, could, pull |
| | American s | p | map, happen |
| α | dart, ah, serg | r | rose, rhubarb, marry, diarrhea, wriggle |
| b | boy, rubber | S | cite, dice, psyche, saw, scene, schism, mass |
| ts | chip, batch, r | S | ocean, chivalry, vicious, pshaw, sure, schist, prescience, n |
| d | day, ladder, o | | fission, potion |
| 3 | many, aesthe | t | walked, thought, phthisic, ptarmigan, tone, Thomas, butter |
| i | Caesar, quay | θ | thick |
| f | fake, coffin, | ð | this, bathe |
| g | gate, beggar, | Λ | some, does, blood, young, sun |
| h | hot, whom | ju,1u | beauty, eulogy, queue, pew, ewe, adieu, view, fuse, cue, you |
| hw, a | whale | 3 r, 3 | yearn, fern, err, girl, worm, journal, burn, guerdon, myrtle |
| I | pretty, been, | v | of, Stephen, vise, flivver |
| aı | aisle, aye, sle | w | choir, quilt, will |
| d ₃ | edge, soldier, | j | onion, hallelujah, yet |
| k | can, accost, s | Z | was, scissors, xylophone, 200, muzzle |
| l | let, gall | 3 | rouge, pleasure, incision, seizure, glazier |
| m | drachm, phle | Э | above, fountain, darken, clarity, parliament, cannon, porp |
| n | gnome, know | ər, ə- | mortar, brother, elixir, donor, glamour, augur, nature, zepl |
| ŋ | sink, ring, me | | ,,,,,, |

Section 14 – 44 Fieldwork Interviews

Elisabeth Calvarin

44 - Fieldwork preparation

Preparations for the collection of geographical names make it necessary to anticipate possible difficulties that could manifest themselves in the field and to try to devise adequate solutions in advance, in order to avoid unnecessary efforts and loss of time.

44.1 At the office, selection of the itinerary

Before the whole undertaking, one should start at the office with the selection of the itinerary. It would be good practice to opt for a test-route first, selecting an area with a variation in geographical objects: administrative centres, dispersed or concentrated population, varied relief, permanent rivers or works, construction works (wells, dams, bridges), forests, cattle-breeding and agricultural areas, many hamlets, manufacturing plants, schools, cultural centres, etc...



Figure 44-1 Itinerary selected on the basis of a map 1: 200,000 of Ouagadougou (Burkina Faso) in 2008

44.2 Specific preparatory information needed for meeting local authorities

It is always advantageous for those in charge of the fieldwork operations to contact the names bureau or the topogogists in their agency. Those may have prepared topogogic card-index systems, technical reports, or guidelines regarding the languages spoken in the fieldwork region, linguistic and social influences exercised there, sub regions for which the orthography of place name families should be harmonised, or even overviews of the mistakes that have been made in the past.

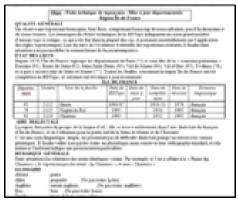


Figure 44-2 Abstract of a topopymic card prepared by the Names bureau of KSN, the French national topographic mapping agency.

Moreover, it is always essential for those in charge of the names collecting fieldwork, to contact local authorities, to advise them of their coming, in order to inform them of the reasons for their visit and about the nature of the work required. The local authorities thus would also be asked to support the names collection work with their local knowledge and historical expertise.

44.3 Quality check

It is always worthwhile to take stock of the state of the toponymy of the region concerned, on the basis of the collected documentation, in order to be able to estimate the time needed to complete the work.

The names bureau may assess the quality of the existing toporrymy on the basis of the principles adopted (standardisation rules, transcription, transliteration, use of glossaries). By doing so, place names may be judged correct, muddled, gady, for improvement or for correction after verification.

44.4 Names density

It would be just as important to discuss in advance the required average names density and the insertion or positioning of the selected names on maps of a given scale.

The number of names inserted would vary according to the nature of the operations (depending on the kind of the terrain and the legibility). The following numbers might give an idea of good practice:

On the average, we need 4 names per km2, that is between 420 and 550 names on a standard map sheet at the scale 1:10 000, between 660 and 780 names on a standard map sheet at the scale 1:20 000, and from 1800 to 2000 names on maps at the scale 1:25 000. But it would be wise to recognise that desert areas cannot contain but a very limited number of names and that highly developed areas would contain many more names. In the latter, legibility will impose restrictions, depending on the scale and [special] purpose of the map in question.

44.5 Knowledge of administrative unit lists

As it is our role to formulate general principles, we have to make sense of the country, that is, we have to find out its administrative structure and define its permanent units, made up from former or transitory units.

- 1 Structure of the country: we have to get to know the first and second order administrative divisions, and next the suitable administrative unit under which we can group the tapogues, we have collected. It would be useful to write down for every administrative unit the local words that signify a family a (household, house, and yard), a clan, line a, etc. in order to render these social constructs on the map and include them in the data base, taking account of this immaterial cultural heritage.

As an example we take Tunisia: here the 24 first order administrative units (propagats) have been subdivided into 264 second-order units (diligation or publicipalities). The smallest administrative division is the ward or impals of which in December 2011 there were 2073.

 2 define the objects to register: record all permanent constructed objects (such as towns, villages, local government buildings, etc.) and render them differently from former or temporary objects (former villages, dispersed buildings, etc.). — without forgetting the latter. A complete list of administrative topporosis can only be arrived at with the help of local government officials or dignitaries that have been designated by those in charge. It would be essential to contact those in charge of local administration in order to avoid mistakes, like the insertion of non-existing administrative names [like river names], imaginary or invented names.

44.6 Preparation of the names inventory forms and of the map of the fieldwork

The objective of the topographic fieldwork is to collect for a given area the topograph in current use (checking whether former topograph still are used, or new topograph created), checking the disappearance or reemergence of names, or whether the reference area of the names has changed, in order to create or to update topographical data bases.

The results of this work will be written down both in names inventory forms (in French: cahier de terrain, cahier dijuvoptains or Étas justificatif des Norus [EJN]), and on maps of the fieldwork area.

These two documents [name forms and maps] together should contain all the necessary information and documentation regarding the current use (authenticity) of the togggggg for a well-defined area.

In order to be understood (by both the map reader and the inhabitants), it should be one's goal to let the toppoppe, remain as close as possible to local usage: all additions or modifications of toppoppe, in order to render their orthography more correct, logical, or in line with usage elsewhere should be introduced with the help of clear standardisation principles, after having consulted local users.



Figure 44-3 60 operator is collecting toppower, with the help of his map and his digital names inventory forms.

It is the goal to establish a names inventory form which, corresponding with the fieldwork area map, will allow the names bureau or the person responsible for the toponymy to determine, under optimal conditions, the graphic form of the names that will be incorporated in the data base.

The names inventory forms have to be filled in as follows:

All the place names listed during the field work have to be correctly located, in their final orthography in the names inventory forms, supported by the map (which is also named in French * minute de popplétement.*).

Whatever the format of the names inventory form (paper or digital), it has been established in order to legitimise the orthographies adopted. It should contain all the information the operator has been able to collect during the fieldwork on every name. It should at least contain the following sections: the map title, the names contained in the maps already published, administrative names (for census areas or the land cadastre), the names according to the local inhabitants and according to name signs, the local pronunciation, former spellings, the etymology, the meaning of the name, the nature of the named object, and finally the orthography of the name as proposed by the operator.

In the names inventory form, fields have to be filled in. Some of them can be filled in beforehand, at the office; others should be filled in in the terrain. The last section, showing the final orthography as decided by the Toponymy commission or by the person responsible for the toponymy, has to be filled in after the fieldwork.

44.7 types of names inventory forms

The names inventory forms should contain as many pages as is necessary. Its pages will be divided into different sections.

First, names should be grouped under administrative headings, with a clear title (in France this could be a polifecture, or a municipality; in Tunisia a first order administrative unit (goupequal), and under the number of the map sheet concerned, according to the numbering system in the sheet index.

GPS geographical coordinates. Both the latitude and the longitude of the named object have to be assessed accurately, this may be done in 10m units.

| | A PE MONTH |
|--|---|
| | 4 |

Figure 44-4 Example of some pages from a names inventory form, established in Niger in 1981

Maps already published. Here it is about the name as written on the previous edition of the map. Should this not be available, then one should have recourse to old maps, of which the title, date, scale and publisher should be mentioned.

Nature of the named object. In this section the nature of the named object should be specified: does the name refer to the principal town, to the parish, to permanent or temporary villages, to hamlets that may be inhabited or not, to rivers ending in the sea or in other river, watercourses, lakes, ponds, to mountains, hills or valleys, passes, forests or woods, cultivated fields or conspicuous trees, etc. To guide this process one has to compose a summarizing table on the nature of the detail (see figure 44-5) to which one may refer, and to which one has to conform to.

Importance. Regardless whether it concerns physical or man-made objects, every object is more or less important in relation to nearby objects of the same kind. Starting from the nature of the named object, one should stick to the criteria for object importance as noted in the summarizing table in figure 44-5.

| | - | Comment of the last | lass required |
|-----------------|---|--|---|
| tribited sixes. | 1. Administrative mathes(provinces, municipalities, etc.) | Zwanieti, words, sades,mac,oddo -bons, alderys | |
| Orogosky | 2 Mountain tops, B Table lands rocks ranges, passes, ,coombs and glors, life, stands, caves mountain ridges | | SACHINE, beaches |
| Nutropools. | 3 Rivers, Takes, canada, glacers, buys, guifs, dettas | 5.Ponds, marches, brooks, torrents, (autor/falls | Station, posts |
| Field names | A, National parks, Screet revenues, woods | | JA Field names of mover importance nemotiable trees |
| Inhampoture | S.Microways, II. Highways, exports, dams, seatuch, bridges, numels, approaches, edits | | ET Auman roads, mays, als lifes |
| Misselerens | | 12 runs, prefix: tock monuments, platforms | (A.Marruments, statues, barris, cating |

Figure 44-5 Summariting matrix table showing the nature and the relative importance of the named objects. The fields 1-18 are ranged from higher to lower importance.

Name according to cadastral or administration documents or other sources. In principle these are the names contained on the cadastral plan. In case there are differences between the names on the cadastral plans and the ledgers, this should be mentioned. Whenever possible, one should also try to collect the name variants used by the postal authorities, by foresters, on road signs, in village guides, on village lists and in gazetteers. In this list one could also mention the names as used on information panels, or derived from local history experts.

The inhabitants. One should rather consult locals that have lived in the area all their life than recently settled persons. The best indications are usually given by those that are most familiar with the area.

Miscellaneous. One cannot do without this section, Here one should be able to find the meaning of the name, its former and local variants, the local pronunciation, and is supposed etymology. When neither meaning nor etymology are given, one should write down the current nature of the named object, the aspect of its slopes, the kind of relief forms as well as remarkable objects too be found there: rocks, springs and quarries or its former nature, such as abandoned villages. Just one of those details might explain the meaning of the name as it has been handed down.

Name proposed by the operator. Here the name has to be entered in the orthography in which it should be inserted on the map and in the data base. Current practice in France is to insert here the name as given in the field c principal name version s, a name in French s, a variant name s or a local norm s.

Name retained by the names bureau. This section is left for the topograpic authorities or the names bureau to fill in for every name they have the final decision on.

44.8 Specific questions to put when meeting local authorities or inhabitants in the terrain

How to put questions?

One has to make sure to what geographical objects the names are linked. Frequently the local population attributes them to terrestrial objects rather than to rivers, or only to rivers or to some characteristic locations; names may be applied to a mountain or only to one of its slopes. Each of the main slopes or aspects of a mountain might have a different name, different again from the name of its summit. Are these the names used in their own language, when amongst themselves?

Wherever the fieldwork takes place, one should never forget that human evidence is something fragile and uncertain. In oral inquiries, a confirmation cannot be regarded as valid unless it is corroborated from another, different source. This is a guideline one should always adhere to. And in order to validate such corroborations one should make sure that they are given spontaneously.

Regarding interview techniques, it is almost impossible to interview people regarding the names of places and designated points, without generating possible confusion; it has to be done with sensitivity. The way in which we pose questions influences in a major way the spontaneity and the validity of the answers. The question should be completely open and should leave the spokespersons completely free in answering them, thus avoiding leading questions suggesting specific answers a flow this name should be written? > is a question well-posed. One should avoid questions like a Does one write it like this? >.

2rd point to deal with: identifying the place. One would ask allow do you call the place where we are? a Depending on the answer, the question could be completed by asking it What is its name in the administration language and what is it in the regional language is show is this place named on the cadastral plan, and what is its permanent name? a One should record the pronunciation accurately, subsequently one could enlarge the scope of the investigations in order to test the names collected later against each other: a What is the name of the wood we see from here in that

direction is a What is the name of the locality situated immediately north of where we are now? * To support this question we may compare it with a copy of the cadastral plan, or other administrative documents that were taken along.

2nd point: the meaning of the names. « What is the meaning of that name? », «To what events in local history does it relate? » a What legends does it refer to? » One should also write down the relationship with the terrain forms, the geographical location [situation], the nature of the soil, or whether there are any rocks, remarkable wells or ruins nearby...

3nd point: the orthography. Here one should take care not to make any suggestion regarding the spelling, in order to avoid that the spokespersons might find it better than the one they use themselves, and therefore could be tempted to substitute them. If How do you write that name? I, and subsequently I is the name correctly written on the cadiastral plan? I is Did you also see that name written differently? I and if so: I Where?

4th point: the pronunciation. It frequently transpires that a name can be pronounced in different ways according to the spokespersons. Of course one has either to record the pronunciation with the help of the international phonetic (API) or with the Roman alphabet as its letters is pronounced in the country concerned.

One should only pose simple, direct and precise questions, and deal successively with the different points they are bearing on. One should adapt the conversation to the level of the spokespersons in order not to ask them something beyond them, which would put them in a difficult position, as the necessity could always emerge that the spokesmen would have to be interviewed again.

Finally, it would be local cultured persons (intellectuals, teachers...) that can shed light on the etymology of the place names collected, former orthographies, different possible or conjectured meanings, social histories, the credibility of ancient legends, and the validity of the information already received elsewhere.



Figure 44-6 Collection of spaggage, during fieldwork at Shar el Melb (Tunisia) in 2015

Never believe that this multitude of precautions is redundant or superfluous. All information collected can be required later when the names bureau has to express its opinion regarding the difficult cases that would be submitted to it, as every piece of information could enlighten it. Deslandes, M., *Toponymie*, Fascicule I, École nationale des sciences géographiques (ENSG-IGN), Paris (1963) revu Calvarin, Élisabeth (2007)

Institut de géographie du Burkina (IGB) Ateñer de sensibilisation sur les nams de lieux, Ouagadougou (2008)

Centre national de cartographie et de télédétection (CNCT), Workshop on geographical Names, Tunis (2015)