TOPONYMIC GUIDELINES FOR MAP AND OTHER EDITORS, FOR INTERNATIONAL USE

AUSTRIA

6th Edition 2009*

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 $^{^*}$ 1st – 3rd edition by Josef Breu and Otto Back; 4th edition by Isolde Hausner; 5th edition by Hubert Bergmann and Isolde Hausner.

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1 Languages

1.1 General remarks

In Austria German is the only official national language. Minority languages have official status regionally, additionally to German.

1.2 National language

1.2.1 General remarks

The national language is German in its standard form written in the Roman script. 1

1.2.2 The German alphabet

A	a	H	h	O	0	V	ν
B	b	I	i	P	p	W	w
C	C	J	j	Q	q	X	x
D	d	K	k	R	r	Y	у
E	e	L	l	S	S	Z	z
F	f	M	m	T	t		
G	g	N	n	U	u		

The German alphabet consists of 26 letters (which are the same as the basic modern Latin alphabet). In addition there are the so-called "umlaut letters" (diacritic letters) $\ddot{A}\ddot{a}$, $\ddot{O}\ddot{o}$, $\ddot{U}\ddot{u}$, and the letter \dot{B} ("scharfes S" or eszett) without a corresponding upper case letter. In capitalized words the letter \dot{B} is substituted, as a rule, by SS. In alphabetical indexes and gazetteers one can find three ways of sorting the umlaut letters: (1) Treated like their base characters, (2) Treated as decomposed letters: vowel plus e (Ae Ae, Ae). Treated like extra letters and placed after their base letters (after Az-, Ae-, Ae-

1.2.3 Spelling rules for German geographical names

The rules given below have been officially used by the Federal Survey of Austria (Landesaufnahme) since 1969 (Annex to the Technical Instruction No. 2, Department L2, February 1969) and are generally in concordance with those in current use in the other German-speaking countries.

Geographical names are normally not subject to the general spelling rules. They are, rather, spelled in the officially approved or customary form. However, in the following respects the German geographical names comply with the general spelling rules except for individual cases where another officially approved version exists.

¹ The so-called "German Script" or Fraktura is seldom used now. It never occurs in modern maps and official gazetteers, so it can be disregarded here.

1. Capitalization

a) Adjectives and participles forming part of geographical names are capitalized. This also holds true for the *-isch* derivatives.

Examples: Großer Priel; Hohe Tauern; Großes Walsertal; Hängender Stein; Mährische Thaya; Steirische Kalkspitze.

b) Word forms with the suffix -er as derivations from geographical names are capitalized:

Examples: Gurktaler Alpen; Wiener Becken; Millstätter See.

2. Use of one word, two words or hyphen

- a) Geographical and other names as determinative elements:
 - aa) In general compounds consisting of a single or compound geographical name or a personal name plus a generic element are written as one word.

Examples: Wettersteingebirge; Glocknergruppe; Eberhardsbach; Leopoldsberg.

bb) A hyphen is often used in order to improve legibility, when the geographical name, which forms the determinative element, is followed by a compound generic element.

Example: Großglockner-Hochalpenstraße.

Where legibility is not impaired, writing in one word is preferred.

Example: Alpenvorland.

cc) Hyphens are used when the determinative element consists of several geographical names.

Example: Donau-Oder-Kanal.

Hyphens are, moreover, used when the determinative element consists of several words (first name, last name) including abbreviations.

Example: Otto-Ludwig-Haus; Dr.-Karl-Lueger-Ring.

- b) Derivatives with the suffix -er.
 - aa) Two words are retained when the derivatives with the suffix *-er* of geographical names designate the location.

Examples: Zillertaler Alpen; Neumarkter Sattel; Tuxer Joch; Ziersdorfer Bach; Lunzer See.

bb) There are geographical names with final *-er* which are not derivatives in the above sense. These names are written solid in accordance with 2a.

Examples: Glocknergruppe; Brennerpass.

When the derivatives with the suffix *-er* of geographical names designate persons, writing in one word is preferred.

Example: Jägerkapelle; Lunzerkreuz (after a peasant by the name Lunzer); Steinerscharte (after an alpinist by the name Steiner).

cc) If the suffix -er is attached to a geographical name ending in -ee, only two e's are written.

Examples: Altausseer See; Egelseer Bach.

c) Adjectives as determinative elements:

aa) Spelling in one word is generally used for compounds with a non-inflected adjective such as *groß*, *klein*, *alt*, *neu*, *mittel*, *ober*, *unter*, *hoch*, *nieder* or points of the compass plus geographical names.

Examples: Mitteleuropa; Osttirol; Obersteiermark; Niederösterreich; Großglockner; Hochkar; Großnondorf.

On the other hand official usage prescribes:

Klein-Ulrichschlag; Alt-Urfahr; Alt-Nagelberg.

bb) The hyphen is used with compounds consisting of uninflected adjectives ending in *-isch* which are derived from the names of places, countries and peoples plus geographical names.

Example: Steirisch-Tauchen; Steirisch-Laßnitz.

On the other hand, official usage prescribes: Kroatisch Minihof; Windisch Bleiberg.

d) Compounds consisting of geographical names:

The hyphen is used when a geographical name is composed of two geographical names.

Examples: Rudolfsheim-Fünfhaus; Wünschendorf-Pirching.

German orthography reform 1996:

On 1st July, 1996, all German-speaking countries adopted "new rules for German orthography". The implementation began, at the latest, in the academic year 1998/1999 (that is on 1st August in Germany, and on 1st September in Austria) and was brought to an end in 2005. In Austria the new spelling rules are obligatory for institutions under federal control with respect to orthography, namely schools at all levels and administrative bodies since 2008.

With respect to toponomastics and considering the principles mentioned above, the following categories of names for which there are no legally binding rules are to be considered: names of mountains, fields, rivers and lakes, glaciers, Alpine pastures, mountain huts, paths, ruins, passes.

With respect to geographical names the following aspects of the new orthography affect the spelling: ss/ß-spelling: the German letter ß only occurs after a long vowel or diphthong. Examples: simple and compound names with Fass-, Fluss-/-fluss, Nuss-, Pass-/-pass, Nass-, Ross-, Schloss etc.

There are exceptions in cases where non-settlement names are used as elements of place names: Example: *Schoberpass*; but: *Wald am Schoberpaß*².

Accumulation of consonants or vowels: in compounds triple consonants preceding a vowel are no longer reduced. Examples: *Schifffahrt-; Irrriegel*.

A hyphen is, however, recommended in some cases, e.g. in compound words with three successive identical vowels. Example: *See-Eck*.

Reference to root word: certain words are to be spelled according to their root words. Example: Gämsalpe.

Variants are allowed in special cases. Example: Waldschenke or Waldschänke.

On the other hand official usage prescribes: Gemstel- (Gemstelpaß, Gemstelboden)³.

Final silent h: The adjective rau drops the silent h to conform to other words. Example: Raukopf.

³ According to official decree by the Provincial Government of Vorarlberg in the 1950ies, which is still in force.

 $^{^2}$ The place name keeps the spelling with ${\cal B}$ according to official usage.

1.2.4 Pronunciation of German geographical names

German spelling is not always clearly indicative of pronunciation. In many cases it does not say anything about stress or vowel length; with some letters or groups of letters it is not always certain which sound they represent (e.g., the letters v and y). All this is true of geographical names to an even higher degree than of general vocabulary, since most of these names are naturally less well known and since names often show conventional spellings and sometimes dialectal spellings, both deviating from the present norm.

It is, therefore, not possible to give a simple pronunciation key covering the pronunciation of all geographical names. Whoever wants to find out how a given name is pronounced may consult the Geographical Names Data Base of Austria, ed. by the Austrian Academy of Sciences, Board on Geographical Names⁴, which shows the standard pronunciation by means of the International Phonetic Association (IPA) alphabet and contains a detailed treatise of this matter (German and English).

But in spite of the difficulties mentioned above, a basic table of the correspondence between spelling and pronunciation may be useful as general information, though it must be stressed that the following list is far from being exhaustive. An indication of the conditions under which the positional variants occur is not given, as only part of the cases can be covered by rules which in themselves mostly are too complicated to be included in a pronunciation key for cartographic purposes. Also, the following key does not cover some cases of spellings which deviate from the orthographic system of standard German. Furthermore, it does not include the pronunciation of foreign words rarely occurring in geographical names of Austria. Dialectal and colloquial pronunciations have been disregarded.

Pronunciation Key

Ortho-	Pronunciation	Ortho-	Pronunciation
graphic	(IPA alphabet)	graphic	(IPA alphabet)
equi-		equi-	
valents		valents	
а	a, aː	ih	iː
ä	ε, ε !	j	j
aa	a:	k	k
ae	ε, ε !	kk	k
ah	a:	l	1
äh	ει	ll	1
ai	aı	m	m
au	au	ph	f
äu	ΟY	pp	p
ay	aı	qu	kv
b	b, p	r	r, p
bb	b, p	rh	r
С	k, ts	rr	r
ch	ç, x, k	S	s, z; ∫
ck	k	sch	ſ
d	d, t	ß	S
dd	d	SS	S

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⁴ First edition: Breu, Josef (co-editor for phonetics: Otto Back): Gazetteer of Austria (*Geographisches Namenbuch Österreichs*). Vienna 1975. (= Österreichische Akademie der Wissenschaften. Veröffentlichungen des Instituts für Kartographie. Forschungen zur theoretischen Kartographie 3). – Second revised edition: Arbeitsgemeinschaft für Kartographische Ortsnamenkunde (ed.): *Geographische Namendatenbank Österreich* [Geographical Names Database of Austria]. CD-ROM. Austrian Academy of Sciences Press, Vienna 2000.

dt	t	t	t
e	ε , e., ϑ , mute, e	th	t
ee	eː	tsch	t∫
eh	eː	tt	t
ei	at	tz	ts
eih	at	u	ʊ, uː, u
eu	YC	ü	Y, yI
ey	at	ue	y, yi
f	f	uh	uː
ff	f	üh	yː
g	g, k, ç	ν	f, v
gg	g, k	\boldsymbol{x}	ks
h	h, <i>mute</i>	y	ι, i:, y, y:, y
i	ı, iː, i	yh	ı, i:
ie	i:, t, iə, i:ə	z	ts
ieh	i:		

1.2.5 Linguistic substrata recognizable in German place-names of Austria

Whereas a thorough linguistic research may bring to light pre-Celtic, Celtic and (in Burgenland) Hungarian origins of German place names, two linguistic substrata are recognizable, even by the layman, i.e. a Romance substratum, especially in Vorarlberg, Tyrol and in Salzburg, and a Slavic substratum in the eastern and southern parts of the country.

An elementary knowledge of these two substrata is advantageous for a better understanding of the geographical names of the respective areas.

1.2.6 German dialects

Two main German dialects are spoken in Austria, (1) the Alemannic dialect in Vorarlberg and in small parts of Tyrol; (2) the Bavarian dialect in the rest of Tyrol and the other seven provinces. There is a great deal of regional and local variation within these two main dialects (see map I).

The geographical names reflect to a certain degree the regional and local dialects, especially in those toponyms which are not part of the officially approved names categories, although purely dialectal spellings are rather rare.

Since, as a rule, dialectal pronunciation is reflected only to a small degree in written geographical names it is not necessary to give a detailed description in guidelines for cartography.

Some general remarks may suffice: Both, Alemannic and Bavarian belong to the High German dialects, that is to say that they have taken part to a full extent in the High German consonant shift, the result of which is also characteristic of modern standard German.

Some elements of the vowel changes, which took place from Middle High German to the New High German literary language (modern standard German) are found in Bavarian, but missing in most of the Alemannic sub-dialects of Austria, which have conserved the Middle High German vowel system. Thus, the change from Middle High German \hat{i} , \hat{u} , iu into literary New High German ei, au, eu is to be found also (with some phonetic modifications) in Bavarian. The monophthongizing of the Middle High German diphthongs ie, uo, uo in the New High German standard language has no parallels in the Alemannic and Bavarian dialects of Austria.

A conspicuous feature of Bavarian and Alemannic dialects is the diminutive suffix with -1 (-1, -le, -li).

The main distinction between Middle and South Bavarian can be seen in the very strong weakening of consonants in the former. In this respect the South Bavarian dialects are nearer to standard German.

In maps the difference between the Bavarian and Alemannic dialect areas of Austria can be observed especially in the field of vocabulary. Examples: Glacier – Alemannic: Gletscher, Bavarian: Ferner, Kees, Eisfeld. Alpine pasture – Alemannic: Alp, Alpe; Bavarian: mostly Alm, in the western parts of the Tyrol also Alp, Alpe.

1.3 Minority languages of cartographic relevance

(see map II)

General remarks:

Art. 7 of the State Treaty ("Staatsvertrag") that re-established Austria as a sovereign, independent, and democratic republic in 1955 contains important clauses for the protection of the Slovene and Croat minorities. Art. 7 (2) states that - in addition to German - the Slovene and Croat language shall be accepted as official languages in certain administrative and judicial districts of Carinthia, Styria and Burgenland with Slovene, Croat or mixed population. The same provision further states that topographical terminology and inscriptions in those districts shall be in the Slovene or Croat language as well as in German. In 1976 the Ethnic Groups Act ("Volksgruppengesetz" [VGG], BGBI. 5 1976/396) was enacted. 6 This statute applies to all recognized national minorities. It is - in contrast to the State Treaty mentioned above - not confined to Slovenes and Croats. Para. 2 Section (1) 2. VGG prescribes that dual naming shall appear on topographical signs in areas with a considerable portion (i. e. a quarter) of people belonging to a national minority.

The Austrian Constitutional Court (VfGH) had to review the VGG in 2001 and repealed parts of para. 2 section (1) 2. as unconstitutional (cf. VfGH7 13 December 2001, G 213/01). It ruled that the phrase "considerable portion (a quarter)" did not comply with the obligations under Art. 7 State Treaty (see para. 5. supra). As a consequence of this judgement more bilingual topographic signs need to be erected in the future⁸.

1.3.1 Slovenian

1.3.1.1 General remarks

Slovenian, the official language of Slovenia, has in Austria the status of a minority language. It is spoken beside German in some southern border districts of Carinthia. Slovenian is used in school and church service and is an alternative official language used by all authorities located in Carinthia competent for the bilingual area. It is written in the Roman script.

⁵ BGBl. = Bundesgesetzblatt (Federal Law Gazette).

⁶ In 2000, the Ethnic Groups Law was anchored in the constitution (Art.8, para.2) as a defining national objective. In 2001, the government signed the European Charter for Regional or Minority Languages. In 2006, Austria signed the UNESCO Convention on the Protection and Promotion of the diversity of cultural Expressions.

VfGH = Verfassungsgerichtshof (Constitutional Court).

⁸ This procedure is still in progress.

1.3.1.2 The Slovenian alphabet

A	a	G	G	N	n	U	и
B	b	Н	H	O	0	V	v
C	c	I	I	P	p	Z	z
Č	č	J	J	R	r	Ž	ž
D	d	K	K	S	S		
E	e	L	L	Š	š		
F	f	M	M	T	t		

1.3.1.3 Pronunciation

See Toponymic Guidelines for Map and Other Editors – Slovenia.9

1.3.1.4 Geographical names

Slovenian names of inhabited places are in official use since 1977¹⁰. Inhabited places ("Ortschaften") in communes as of 1955 (State Treaty) with at that time 25% and more Slovenian-speaking population are designated by official road-signs showing the place-names in German and in Slovenian. Both name forms have been entered into the official Gazetteer of Austria 2001 (Gazetteer of Inhabited Places = "Ortsverzeichnis") as well as into the geographical names database GEONAM of the Federal Office of Metrology and Surveying and are partly shown on the official Austrian Map 1:50 000.

Examples: Rechberg (Reberca); Zauchen (Suha).

Names of geographical-topographical objects, other than inhabited places, generally are entered by the survey of Austria on the official maps in a form corresponding to German spelling rules, although translations from Slovenian into German are forbidden. The names must be written as they are spoken by the local population, but the sounds are represented in writing in accordance with German, not Slovenian, writing and reading conventions.

Examples: Gorelza; Hrewelnik.

An exception is made in the comparatively rare cases where a geographical name consists of more than one separately spoken Slovenian word. Such syntactical units (mostly noun plus adjective) are written according to Slovenian spelling rules, using the diacritical marks of this language.

Examples: Tolsti vrh; Velika ravna.

1.3.2 Burgenland Croatian

1.3.2.1 General remarks

Burgenland Croatian has the status of a minority language. It is spoken in 6 (of 7) administrative districts of Burgenland province and is closely related to Croatian, the national language of Croatia. But there are differences in phonetics, grammatical structure and semantics which give Burgenland Croatian the character of a separate literary language.

^{9 &}lt;u>www.qu.qov.si/fileadmin/qu.gov.si/pageuploads/PROJEKTI/Registri/KSZI/top_guide.pdf</u> [27.04.2009]

¹⁰ Topography-Decree for Carinthia (BGBI 305/1977 [Topographieverordnung]).

The language is used in school and church service and has an official standing in communes and local courts. Burgenland Croatian is written in the Roman script.

1.3.2.2 The Burgenland Croatian alphabet

A	а	E	E	Lj	lj	Š	š
В	b	F	F	M	m	T	t
C	С	G	G	N	n	U	и
Č	č	H	H	Nj	nj	V	v
Ć	ć	I	I	0	0	Z	z
D	d	J	J	P	p	Ž	ž
Dj	dj	K	K	R	r		
Dž	dž	L	L	S	S		

1.3.2.3 Pronunciation

Spelling	Pronunciation	Spelling	Pronunciation
	(IPA alphabet)		(IPA alphabet)
а	a, a: 11	1	1
b	b	lj	λ
С	ts	m	m
č	t∫	n	n, ŋ ¹²
ć	tç	nj	ŋ
d	d, t ¹³	o	o, or ¹⁴
dj	J	p	p
dž	d3	r	r
e	ϵ , ϵ ! ¹⁵	S	S
f	f	Š	J
g	G	t	t
h	h	u	u, u! ¹⁶
i	i, i: ¹⁷	ν	v
j	j	z	Z
k	k	ž	3

¹¹ Vowel quantity and stress cannot be predicted from ordinary spelling.

Vowel quantity and stress cannot be predicted from ordinary spelling.

Before *g* and *k*.

to before *s*.

Vowel quantity and stress cannot be predicted from ordinary spelling.

See footnote nr. 8.

See footnote nr. 8.

See footnote nr. 8.

1.3.2.4 Geographical names

The Croatian names of inhabited places have been in official use since June 2000. A regulation enacted by the Federal Government in consultation with the Main Committee (Hauptausschuss) of the National Council (Nationalrat) was passed in June 2000 ("Topographieverordnung", BGBI. II/170/2000, 21 June 2000): It singles out the municipalities and incorporated villages where topographical terminology and signs have to be either in the German and Croat language or in the German and Hungarian language. The name forms have been entered in the official Gazetteer of Austria 2001 (Gazetteer of Inhabited Places = "Ortsverzeichnis") as well as into the geographical names database of the Federal Office of Metrology and Surveying and will be partly shown on the official Austrian Map 1:50 000. The Austrian Map 1:50 000 represents a limited number of Croatian names other than populated place names, but mostly in a Germanized spelling, whereas the cadastral maps of Croatian-speaking or bilingual villages make ample use of Croatian field names in their original spelling.

1.3.3 Hungarian

1.3.3.1 General remarks

Hungarian, the national language of Hungary, has in Austria the status of a minority language. It is spoken in four settlements in central and southern Burgenland and used in school and church service. Hungarian uses the Roman script.

1.3.3.2 The Hungarian alphabet

A	а	G	G	Ny	ny	U	и
Á	á	Gy	Gy	O	0	\acute{U}	ú
B	b	H	H	Ó	ó	\ddot{U}	ü
C	С	I	I	Ö	\ddot{o}	Ű	ű
Cs	CS	Í	Í	Ő	ő	V	v
D	d	J	J	P	p	Y	y
Dz	dz	K	K	R	r	Z	z
Dzs	dzs	L	L	S	S	Zs	ZS
E	e	Ly	Ly	Sz	SZ		
É	é	M	M	T	t		
F	f	N	N	Ty	ty		

1.3.3.3 Pronunciation

See Toponymic Guidelines for Map and Other Editors – Hungary. 18

1.3.3.4 Geographical names

The Hungarian name forms of inhabited places have been official since June 2000 (see under item 1.3.2.4), they are shown in the new edition of the official gazetteer published on the basis of the census 2001

¹⁸ http://unstats.un.org/unsd/geoinfo/INF.09.pdf [11.01.2006].

and will be entered into the official maps 1:50 000. Geographical names other than populated place names do not occur on the Austrian Map 1:50 000 because of the small area of this minority language. But the cadastral maps of Hungarian-speaking or bilingual villages contain Hungarian field names in Hungarian spelling mostly together with the corresponding German names.

2 Names authorities and names standardization

In consequence of the federal structure of Austria the legal situation for the instalment of a nationwide names authority is rather complicated. For the purposes of international cartography the following statements will suffice:

The names of inhabited places of all categories are standardized. They are published by the federal authority:

Statistik Austria

Guglgasse 13, A – 1110 Wien (Vienna).

http://www.statistik.at [27.04.2009]

Geographical names other than inhabited place names, i.e. the names of mountains, hills, valleys, rivers, lakes, glaciers, woods etc. are officially collected and published in maps by the federal authority:

Bundesamt für Eich- und Vermessungswesen, Gruppe Landesaufnahme

(Federal Office of Metrology and Surveying)

Schiffamtsgasse 1-3, A – 1020 Wien (Vienna)

http://www.bev.gv.at [27.04.2009]

All names of the official Austrian Map 1:50 000 are standardized and are to be regarded as official names in so far as they form part of an official publication. ¹⁹ A free version is available under: www.austrianmap.at. The Federal Ministry of Metrology and Surveying has charge of the geographical names database GEONAM, which contains all toponyms from its official maps and which shall be enlarged.

The above-mentioned official agencies concerned with the publication of geographical names are assisted in their work by boards on geographical names:

1. For Austria as a whole:

Arbeitsgemeinschaft für Kartographische Ortsnamenkunde (AKO) der Österreichischen Kartographischen Kommission (Austrian Cartographic Commission) in der Österreichischen Geographischen Gesellschaft (Austrian Geographical Society) und "In Verbindung mit der Österreichischen Akademie der Wissenschaften" ("Associated to the Austrian Academy of Sciences") (www.oeaw.ac.at/dinamlex/AKO/AKO.html [27.04.2009]).

Although this board legally has no official standing, its decisions are of great practical importance as it functions as a clearinghouse of the main federal and provincial authorities and institutions of science and research as well as of private publishers concerned with geographical names.

2. For the provinces of Austria:

(see map III)

Burgenland: Burgenländische Nomenklaturkommission beim Amt der Burgenländischen Landesregierung

Abteilung 7 – Kultur, Wissenschaft und Archiv, Europaplatz 1, A – 7001 Eisenstadt.

http://www.burgenland.at/landesarchiv [27.04.2009]

Lower Austria: The standardization of geographical names is under the care of the Niederösterreichisches

Landesarchiv beim Amt der Niederösterreichischen Landesregierung, Gruppe Kultur,

wissenschaft und Unterricht, Landhausplatz 1, A – 3109 Sankt Pölten.

www.noe.gv.at/Bildung/Landesarchiv-/Landesarchiv.wai.html [27.04.2009]

Salzburger Ortsnamenkommission, Salzburger Landesregierung, Abt. 7 (Raumplanung).

Alpenstraße 96, A – 5020 Salzburg.

Styria: Steirische Ortsnamenkommission beim Steiermärkischen Landesarchiv, Karmeliterplatz 3,

A- 8010 Graz.

www.verwaltung.steiermark.at/cms/ziel/8581/DE/ [27.04.2009]

Tyrol: Tiroler Nomenklaturkommission beim Tiroler Landesarchiv beim Amt der Tiroler

Landesregierung und bei der Universität Innsbruck, Department Linguistics.

Michael-Gaismair-Straße 1, A – 6010 Innsbruck.

www.tirol.gv.at/themen/kultur/landesarchiv [27.04.2009]

Upper Austria: Oberösterreichische Ortsnamenkommission beim Oberösterreichischen Landesarchiv beim

Amt der Oberösterreichischen Landesregierung, Anzengruberstraße 19, A – 4020 Linz.

www.landesarchiv-ooe.at [27.04.2009]

Vorarlberg: Vorarlberger Nomenklaturkommission im Amt der Vorarlberger Landesregierung,

Montfortstraße 12, A – 6900 Bregenz.

Vienna: The Wiener Nomenklaturkommission has concluded the standardization of geographical

names. New cases will be treated by the Wiener Stadt- und Landesarchiv, Magistrat der

Stadt Wien, Abteilung 8, Guglgasse 14, Top 508, A – 1110 Wien.

www.archiv.wien.at [27.04.2009]

3 Source material

1. Maps

Österreichische Karte 1:50 000, ed. by the Bundesamt für Eich- und Vermessungswesen, 191 map sheets, in the UTM projection; the edition started in 2002 and will be completed in 2009. Revisions take place in seven year intervals (see map IV).

Österreichische Karte 1:50 000, ed. by the Bundesamt für Eich- und Vermessungswesen (Landesaufnahme), 213 map sheets. All 213 sheets contain standardized names. Revisions took place in seven year intervals.

¹⁹ See also *Empfehlung Nr. 46: ÖROK-Empfehlung zur Standardisierung geographischer Namen.* 15. Mai 1998 [Recommendation No 46: Austrian Conference on Spatial Planning – Recommendation for the Standardization of Geographical Names. 15th May, 1998].

2. Gazetteers

Statistik Austria (ed.): Ortsverzeichnis 2001 [Gazetteer of Inhabited Places]. 9 vol. Wien 2004-2005.

CD-ROM: Statistik Austria (ed.): Ortsverzeichnis 2001 [Gazetteer of Inhabited Places]. Wien 2005. This gazetteer is completely revised every ten years.

Arbeitsgemeinschaft für Kartographische Ortsnamenkunde ([AKO], ed.): Geographische Namendatenbank Österreich (Geographical Names Database of Austria). CD-ROM. Austrian Academy of Sciences Press, Vienna 2000. (First edition: Breu, Josef: Geographisches Namenbuch Österreichs [Gazetteer of Austria]. Wien 1975 [= Österreichische Akademie der Wissenschaften. Veröffentlichungen des Instituts für Kartographie. Forschungen zur theoretischen Kartographie 3]). This gazetteer, edited in accordance with the recommendations of the United Nations, gives a selection of the official geographical names of Austria, especially for international use. The introduction contains, in German and English, a detailed description of the fundamentals of the standardization of geographical names in Austria, explanatory remarks on pronunciation, source material, German spelling rules etc. The pronunciation is given with each headword by means of the symbols of the International Phonetic Association alphabet. A glossary of geographical appellatives is annexed.

4 Glossary of words frequently occurring in geographical names as generic and/or specific elements and of descriptive terms, useful for the understanding of maps

4.1 German

For a more detailed glossary, see Gazetteer of Austria, ed. by Josef Breu, Vienna 1975²⁰, pp. 21-31 or the Geographical Names Database of Austria, CD-Rom, Vienna 2001.

Acherunning waterAlmalpine pastureAlp, Alpealpine pasture

alt, -er, -e, -es old

an at, on, upon
Au flood plain
auf on, upon
Bach rivulet, brook
Berg mountain
Bergwerk mine
Bichl hill

20

²⁰ Breu, Josef: Geographisches Namenbuch Österreichs. Wien 1975 (= Österreichische Akademie der Wissenschaften. Veröffentlichungen des Instituts für Kartographie. Forschungen zur theoretischen Kartographie 3). – CD-ROM: Geographical Names Database of Austria, Vienna 2000.

Bründl drinking-water spring
Brunn(en) drinking-water spring

BühelhillBurgcastleDenkmalmonumentdeutsch, -er, -e, -esGermanDorfvillage

Eck, Egg mountain crest, hill crest

EisenbahnrailwayFabrikworksFeldfieldFels(en)rockFernerglacierFlussriver

Forsthaus forester's house

Friedhof cemetery
Gasthof inn

Gebirge mountains, group of vineyards

Gletscher glacier

Graben narrow valley, bed of controlled brook

groβ, -er, -e, -eslarge, greatGscheidwater shedHartwood, forestHaufenriver island

Heide flat, usually sandy, uncultivated land

hinter, -er, -e, -es hinder, rear

Hof homestead

Höhle cave Holz wood

Horn mountain peak

Hüttehutimin theinin

Joch high pass Kanal canal Kapelle chapel Kar cirque Kees glacier Kirche church Klamm gorge small, little klein, -er, -e, -es

Kloster monastery

Kofel cone- or dome-shaped mountain

Kogel dome-shaped mountain

Kreuz cross kroatisch, -er, -e, -es Croatian

Lacke puddle, small lake

Leite, Leiten slope Lueg cave, den Markt market Meierhof farm middle mitter, -er, -e, -es mittler, -er, -e, -es middle Moor swamp Moos swampland

MugelhillMühlemillneu, -er, -e, -esnew

Nock mountain, crag

ober, -er, -e, -es upper

Pass mountain pass

Quelle spring

Remisepatch of woodReutcleared landRohrreed, swampSattelmountain pass

Scharte narrow high-alpine pass
Schloss castle, manor-house

Schrofen, Schroffen craggy rock
Schutzhaus alpine refuge

Schutzhütte alpine sheltering hut

schwarz, -er, -e, -es black See lake

Spitz, Spitze mountain peak, peninsula

Stadttown, citySteigfoot pathSteinrock, peakSteinbruchquarryStraβeroadSumpfswampTalvalley

Tauern mountain pass

Teich pond

Trat(t)e pasture land über above unter, -er, -e, -es low

Ursprung source of river

vorder, -er, -e, -es fore

wood, forest Wald Warte outlook-tower Wasserfall waterfall Weg path, track Weide pasture Weiler hamlet Weingarten vineyard weiß, -er, -e, -es white Werd island Wiese meadow

Wildbach fast-running brook windisch, -er, -e, -es Slovenian, Slavic

Wirtshaus inn
zwischen between

4.2 Slovenian

bel-i, -a, -o white most bridge
bistrica fast-running brook na at, on, upon

blatoswampnov-i, -a, -onewborovecpineotokisland

brdohillpečwall of rockbregslopeplaninaalpine pasture

breza birch polje field

cerkevchurchpotpath, trackcestaroadpotokbrookčrn-i, -a, -oblackprinear, atdobravagroveravn-i, -a, -oflat

dobravagroveravn-i, -a, -oflatdollow groundrutcleared landdolinavalleysedlomountain pass

dolnj-i, -a, -elowerslapwaterfalldvorhomesteadslovenj-i, -a, -eSloveniangoramountainspodnj-i, -a, -elower

gorica hill srednj-i, -a, -e middle, central

gornj-i, -a, -e upper star-i, -a, -o ol

gozd wood studenec drinking-water spring

grad castle suh-i, -a, -o dry ridge svet-i, -a, -o greben saint hill tolst-i, -a, -o big, large grič jama cave trata lawn, pasture lake travnik meadow jezero

stone, rock market kamen trg koča hut in

križ velik-i, -a, -o cross large, great log ves (vas) village grove loka swampy meadow vrata gate

mal-i, -a, -o small, little vrh summit, mountain

med between zgornj-i, -a, -e upper mlinmill zvrhnj-i, -a, -e upper

4.3 **Burgenland Croatian**

bijel-i, -a, -o white polje field hill brook brig potok cesta road, way at pri

crikva church put path, track dolnj-i, -a, -e lower ravnica flat ground draga dale, dell selo village dubravagrove, wood sinokoš(a) meadow širok broad gaj grove

mal-i, -a, -o small, little gmajna commune

malin mill gora mountain gornj-i, -a, -e upper marof farm

grba hill medja, meja boundary grm bush, shrub at, on, upon na hrvatsk-i, -a, -o Croatian nimšk-i, -a, -o German

ditch, narrow dale jarak nov-i, -a, -o new

jezero lake sridnj-i, -a, -e middle, central

kapela chapel star-i, -a, -o old

kod tratina lawn, grass at

kratk-i, -a, -o short in и

krči cleared land in

križ cross velik-i, -a, -o large, great field vinograd lapat vineyard lozawood vrh top of a hill paša pasture vrt garden

4.4 Hungarian

 $als\acute{o}$ lower $fels\~{o}$ upper berek grove $f\~{o}ld$ field

csatorna canal forrás spring, well

 $cs\acute{u}cs$ summit $g\ddot{o}d\ddot{o}r$ pit domb hill halom hill

dűlő balk, strip of arable land mountain hegy egyház church place, site hely ér small brook homok sand erdő wood horvát Croatian

falu village kereszt cross fehér white kert garden kis small, little puszta farm kő stone rét meadow middle, central közép sár swamp

kút well sík flat

liget small wood, grove telek piece of land magyar Hungarian templom church mező meadow, field tó lake új nagy large, great new

német German víz water, water course

ó old *völgy* valley

patak brook, rivulet

5 Abbreviations used in the official map of Austria 1:50 000

Abbreviation Decoding English equivalent

am, an on, upon a. B., -b. Bach, -bach rivulet, brook Bhf., -bhf. Bahnhof, -bahnhof railway station B., -bg. Berg, -berg mountain Bgw., -bgw. Bergwerk, -bergwerk mine Bk., -bk. Brücke, -brücke bridge

B. Brunnen drinking-water spring

Dkm., -dkm. Denkmal, -denkmal monument

d. der, die, das the
Fb., -fb. Fabrik, -fabrik works
Fr., -fr. Ferner glacier

Fh. Forsthaus forester's home

Ghf., -ghf. Gasthof, -gasthof inn

Geb., -geb. Gebirge, -gebirge mountains
Gl., -gl. Gletscher, -gletscher glacier

Gr., -gr. Graben, -graben narrow valley, bed of controlled brook

Gr., G. Groß, -er, -e, -es large, great
Hfn., -hfn. Hafen, -hafen harbour
Hst. Haltestelle railway stop
H., -h. Haus, -haus house

Ht. Hinter, -er, -e, -es hinder, rear
HO Hochofen blast-furnace

H. Hohe, -r, -s high H. Höhle cave

Hn., -hn. Horn, -horn mountain peak

Hot., -hot. Hotel, -hotel hotel
Htt., -htt. Hütte, -hütte hut
i. im, in in the, in

Jh. Jagdhaus, Jägerhaus game-keeper's house

Jhtt., -jhtt. Jagdhütte, -jagdhütte hunting-lodge

J., -j. Joch, -joch high pass, mountain

KOKalkofenlime-kilnKpl., -kpl.Kapelle, -kapellechapelKls., -kls.Kloster, -klostermonasteryKl.Klein, -er, -e, essmall, little

Kg., -kg. Kogel, -kogel dome-shaped mountain

K., -k. Kopf, -kopf mountain-top Krw., -krw. Kraftwerk, -kraftwerk power station

KM Kunstmühle mill operated by steam or electricity

Kp., -kp. Kuppe, -kuppe dome-shaped mountain

LG Lehmgrube clay-pit Mkt. Markt market Mt. Mittlere, -r, -s middle Mot. Motel motel M., -m. Mühle, -mühle mill Nd. Nieder, -er, -e, -es lower Nördl. northern Nördliche, -r, -s Ob. Ober, -er, -e, -es upper Östl. Östliche, -r, -s eastern

P., -p. Pass, -pass mountain pass
Pg. Pegel water-gauge

Q. Quelle spring
Res. Reservoir reservoir

R. Ruine ruins
SW Sägewerk sawmill
St. Sankt Saint

Sttl., -sttl. Sattel, -sattel mountain pass

Sch., -sch. Scharte, -scharte narrow high-alpine pass

Schießstätte shooting-stand

Schst.Schiffstationstopping-place of shipsSchl.Schlosscastle, manor-houseSGSchotter- oder Sandgrubegravel- or sand-pit

S. See lake

Sdlg., -sdlg.Siedlung, -siedlungsettlementStb., -stb.Steinbruch, -steinbruchquarry

Sp., .sp. Sportplatz sports-ground

Südl. Südliche, -r, -s southern
T. Teich pond

Unt. Unter, -er, -e, -es lower, low

verf. verfallen ruinous, dilapidated

Vd. Vorder, -er, -e, -es fore

W. Wald wood, forest Wssf. Wasserfall waterfall Westl. Westliche, -r, -s western Wr. Wiener Vienna meadow Ws., -ws. Wiese, -wiese Wh., -wh. Wirtshaus, -wirtshaus inn

Zgl. Ziegelei brick-yard
ZO Ziegelofen brick-kiln
ZW Ziegelwerk brick-works
Z. Zisterne cistern

ANNEX

A. Administrative division with code numbers

(see map V)

1. Land Burgenland

Statutarstadt105: Jennersdorf101: Eisenstadt106: Mattersburg102: Rust107: Neusiedl am SeePolitischer Bezirk108: Oberpullendorf103: Eisenstadt-Umgebung109: Oberwart

104: Güssing

2. Land Kärnten (Carinthia)

Statutarstadt 204: Klagenfurt-Land
201: Klagenfurt 205: Sankt Veit an der Glan
202: Villach 206: Spittal an der Drau
Politischer Bezirk 207: Villach Land
210: Feldkirchen 208: Völkermarkt
203: Hermagor 209: Wolfsberg

3. Land Niederösterreich (Lower Austria)

Statutarstadt 311: Horn 301: Krems an der Donau 312: Korneuburg 302: Sankt Pölten 313: Krems (Land) 303: Waidhofen an der Ybbs 314: Lilienfeld 304: Wiener Neustadt 315: Melk Politischer Bezirk 316: Mistelbach 305: Amstetten 317: Mödling 306: Baden 318: Neunkirchen 319: Sankt Pölten (Land) 307: Bruck an der Leitha

308: Gänserndorf 320: Scheibbs 309: Gmünd 321: Tulln

310: Hollabrunn 322: Waidhofen an der Thaya

323: Wiener Neustadt (Land) 325: Zwettl

324: Wien-Umgebung

4. Land Oberösterreich (Upper Austria)

Statutarstadt 409: Kirchdorf an der Krems

 401: Linz
 410: Linz-Land

 402: Steyr
 411: Perg

403: Wels 412: Ried im Innkreis

Politischer Bezirk413: Rohrbach404: Braunau am Inn414: Schärding405: Eferding415: Steyr-Land

406: Freistadt 416: Urfahr-Umgebung

407: Gmunden 417: Vöcklabruck 408: Grieskirchen 418: Wels-Land

5. Land Salzburg

Statutarstadt 503: Salzburg-Umgebung 501: Salzburg 504: Sankt Johann im Pongau

Politischer Bezirk505: Tamsweg502: Hallein506: Zell am See

6. Land Steiermark (Styria)

Statutarstadt 609: Knittelfeld 601: Graz 610: Leibnitz

Politischer Bezirk 611: Leoben 602: Bruck an der Mur 612: Liezen 603: Deutschlandsberg 614: Murau

604: Feldbach 613: Mürzzuschlag 605: Fürstenfeld 615: Radkersburg 606: Graz-Umgebung 616: Voitsberg 617: Weiz

608: Judenburg

7. Land Tirol (Tyrol)

Statutarstadt
705: Kufstein
701: Innsbruck
706: Landeck
Politischer Bezirk
707: Lienz
702: Imst
708: Reutte
703: Innsbruck-Land
709: Schwaz

704: Kitzbühel

8. Land Vorarlberg

Politischer Bezirk 803: Dornbirn 801: Bludenz 804: Feldkirch

802: Bregenz

9. Land Wien (Vienna)

Statutarstadt 911: Wien 11.Bezirk: Simmering 900: Wien 912: Wien 12.Bezirk: Meidling Gemeindebezirk²¹ 913: Wien 13.Bezirk: Hietzing 901: Wien 1.Bezirk: Innere Stadt 914: Wien 14. Bezirk: Penzing 902: Wien 2.Bezirk: Leopoldstadt 915: Wien 15.Bezirk: Rudolfsheim-Fünfhaus 916: Wien 16.Bezirk: Ottakring 903: Wien 3.Bezirk: Landstraße 904: Wien 4.Bezirk: Wieden 917: Wien 17.Bezirk: Hernals 905: Wien 5.Bezirk: Margareten 918: Wien 18.Bezirk: Währing 906: Wien 6. Bezirk: Mariahilf 919: Wien 19.Bezirk: Döbling 907: Wien 7.Bezirk: Neubau 920: Wien 20.Bezirk: Brigittenau 908: Wien 8.Bezirk: Josefstadt 921: Wien 21.Bezirk: Floridsdorf 909: Wien 9.Bezirk: Alsergrund 922: Wien 22.Bezirk: Donaustadt 910: Wien 10.Bezirk: Favoriten 923: Wien 23.Bezirk: Liesing

²¹ The communal districts (Gemeindebezirke) of Vienna (Wien) are subunits of the City and Commune of Vienna and not political districts. They identify with the political districts (Politische Bezirke) only in regard to statistics.

B. Official designations of units of administration and settlement as occurring in the gazetteer of Austria

Official designation **Definition** Bundesland see Land Dorf contiguous settlement with 10 or more houses (village) Einschicht 2 isolated houses close together Gemeinde (Ortsgemeinde) smallest administrative unit (commune) Gerichtsbezirk jurisdictional territory of a local court Katastralgemeinde areal unit of the cadastre; the total of all real estate holdings joined together by common numbering of holdings (cadastral commune) Land subdivision of the Republic of Austria (province), in turn divided into Politische Bezirke and Statutarstädte Markt Ortschaft with market right Marktgemeinde commune with the title Marktgemeinde Ortschaft as a rule total of houses (populated place) with common "conscription numbering" Ortschaftsanteil Ortschaftsanteile are parts of Ortschaften situated in different communes Ortschaftsbestandteil in terms of official statistics a part of an Ortschaft remarkable for its separate location and special local importance Ortsgemeinde see Gemeinde subdivision of the administrative district of the commune for administrative Ortsverwaltungsteil purposes, in larger communes in Burgenland Politischer Bezirk administrative unit between Land and commune (administrative district)

(Verwaltungsbezirk)

Rotte 2 or more non-contiguous houses

Stadt commune with the title Stadt (town), only in Vorarlberg
Stadtgemeinde commune with the title Stadtgemeinde (urban commune)

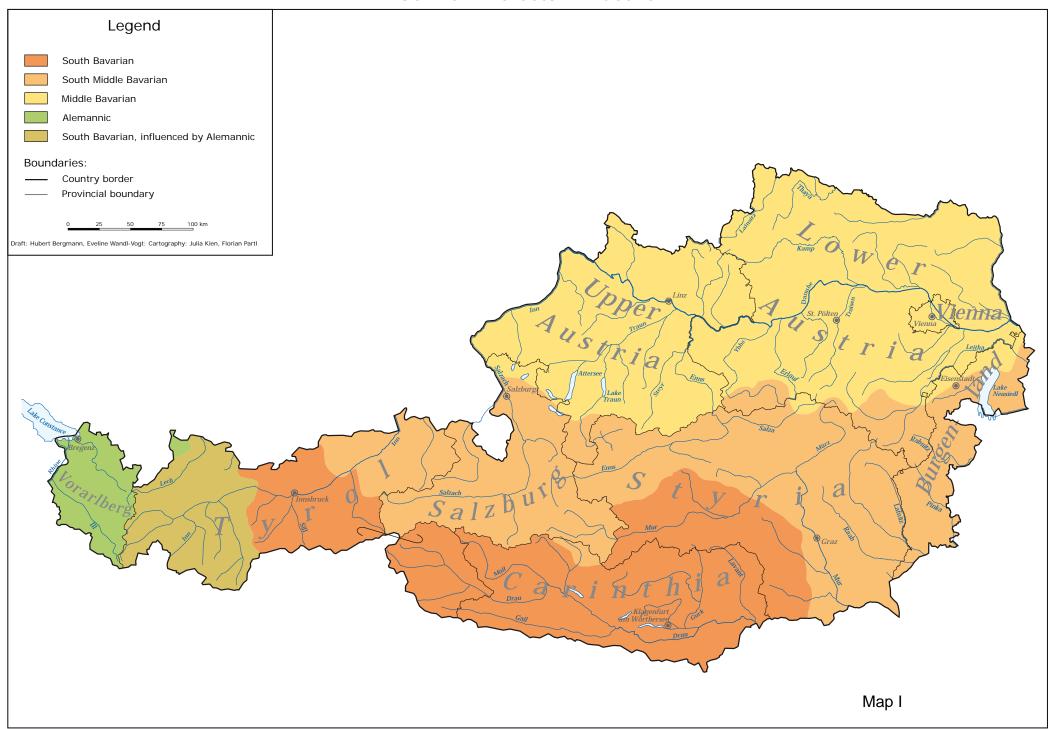
Statutarstadt, also: commune not only in charge of the municipal administration but also

Stadt mit eigenem Statut exercising the administrative functions of a Politischer Bezirk

Verwaltungsbezirk see Politischer Bezirk

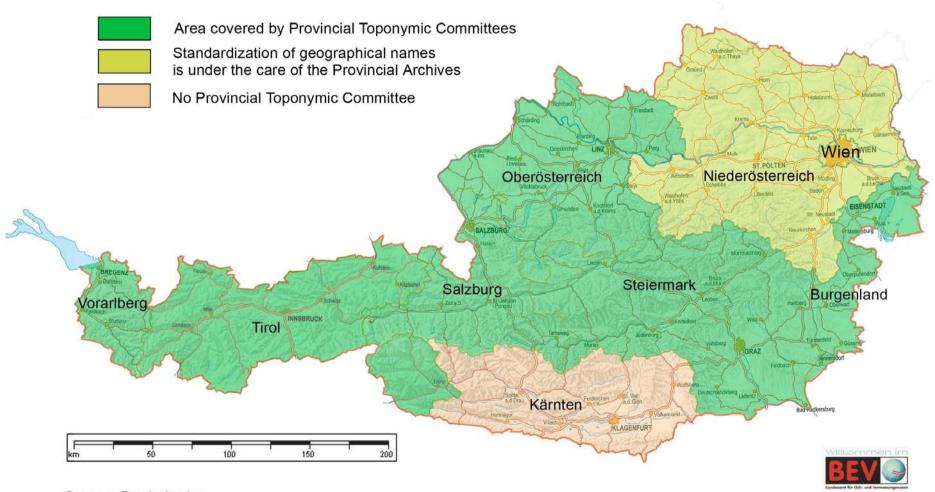
Weiler 3-9 houses close together (hamlet)

German Dialects in Austria



AUSTRIA - MINORITY LANGUAGES Communes with 25% and more Slovenian-speaking population. Census 2001. **BURGEN-**LAND Communes with 25% and more Burgenland Croatian-speaking population. Census 2001. Communes with 25% and more Hungarian-speaking population. Census 2001. **CARINTHIA** Klagenfurt Slovenia Italy Map II Slovenia

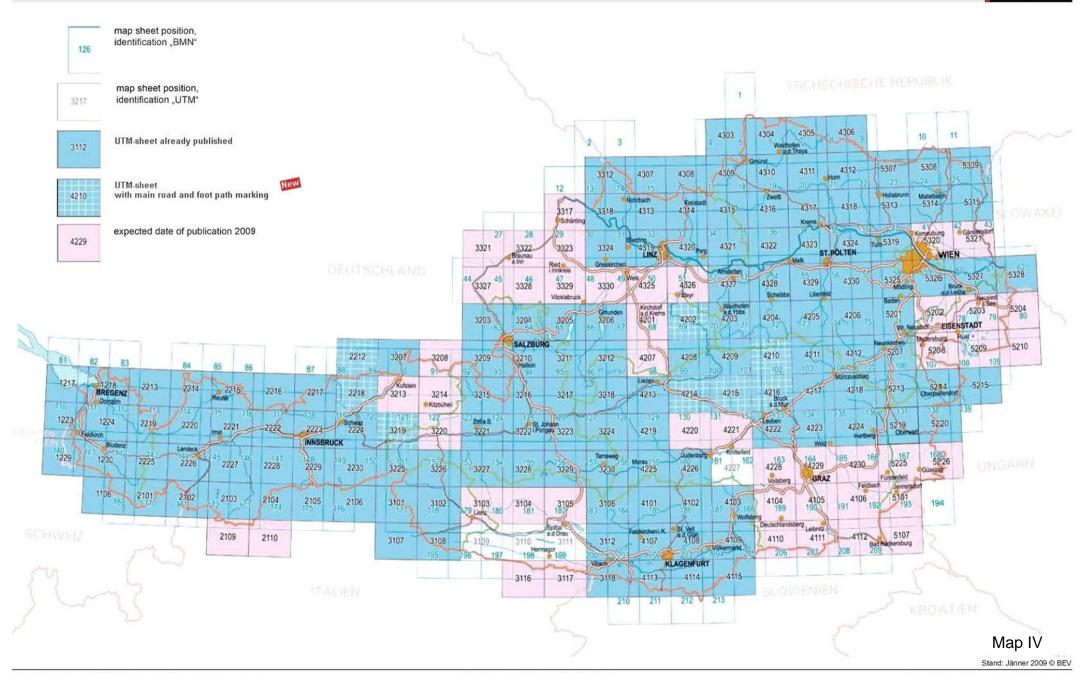
TOPONYMIC COMMITTEES



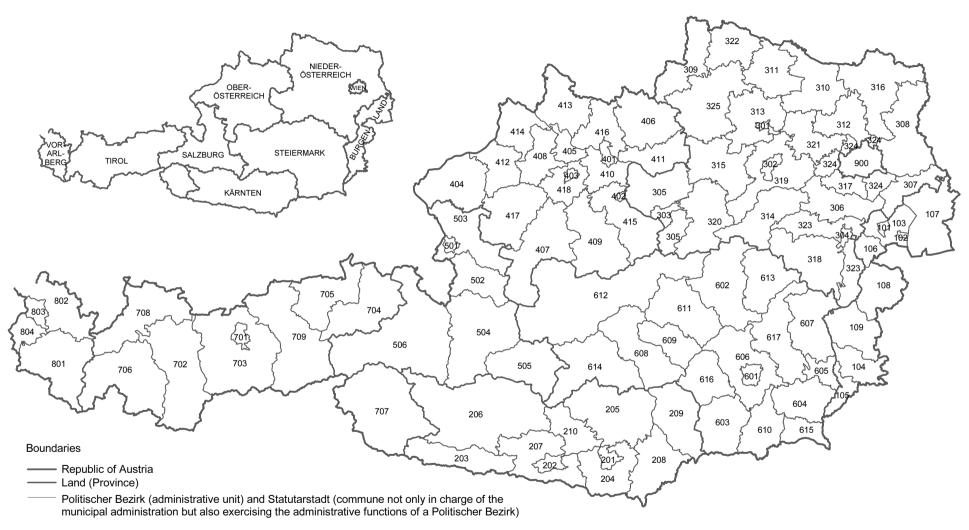
Grenzen: Bundesländer

Topographic Map of Austria 1:50 000





AUSTRIA - ADMINISTRATIVE DIVISION 2006



415 Code number: For list of administrative units see ANNEX A. Administrative divisions with code numbers.

Quelle: STATISTIK AUSTRIA