Speaker's Profile - vorbitor # 3
(H.N. Teodorescu Profiling Form, v. 002b, 21 March 2006.)

Any speaker should be given the full and unconditional rights **NOT** to answer specific questions at his discretion. For example, some people are not willing to provide information on ethnicity, or on their mother education etc.

1. General

ID (5 numbers or letters + numbers): 120179
Recruited by: prof.dr.ing. H.N. Teodorescu
Form completed by: … …120179……. Date 21.03.2006
Signature: ……..
Informed consent given YES/NO and date of signature ……yes…….
(Consent attached)

Sex: F/M
Age bin: 0-1 / 1-3 / 3-5 / 5-10 / 10-14 /14 – 16 / 16-20 / 20-25 / 25-30/ 30-40 / 40-50 / 50-60 / 60-70 / 70-75 / 75-80 / 80+

2. Linguistic data

Native language: ROMANIAN
Mother's native language: ROMANIAN
Father's native language: ROMANIAN
Country (born in ~): ROMANIA
Major region where subject was born: MUNTENIA-SOUTH ROMANIA
Major region where childhood (1-7 year old) has been spent: MUNTENIA-SOUTH ROMANIA
Major region of elementary school: MUNTENIA-SOUTH ROMANIA
Sub-region of elementary school: MUNTENIA-SOUTH ROMANIA

Major dialect according to the speaker: MUNTENIAN (WALACHIAN)
Major dialect according to the experts
- Opinion Expert #1 (H.N. Teodorescu):
- Opinion Expert #2 (D. Trandabat)
- Opinion Expert #3

Other languages known (well spoken languages only)

Vocabulary amplitude (richness) AVERAGE
Written language proficiency
- Poet, drama or novel author
- professional writer, journalist
- scientist, teacher
- intellectual writer
- other

3. Ethnic data

Speaker's ethnicity ROMANIAN
Mother's ethnicity ROMANIAN

4. Educational, professional and professional voice profile

Education profile: only elementary / high school / higher education / Master degree / Dr.

Specialty: Domain ENGINEERING
Specialty: Sub-domain BIOENGINEERING

Professional voice YES/NO
For how long a professional voice:
Employment (no company name, only branch of the employer!)
Function (no precise function, only type of function, e.g.: teacher, manager etc.) STUDENT
Voice strain: not strained / seldom / frequently
Experience with speaking to children
Experience with speaking to specific social groups (name the group, e.g. speech disabled, motor disability etc.)

Voice training:

- as a didactical profession
- as a politician speaker
- as a public relation speaker
- as a radio or TV journalist
- as a dramatic artist
- as an amateur singer
- as a professional singer

5. Physiological and pathological data

Height 1.64m
Weight 55kg
Known laryngeal information NONE
Known buccal information NONE
Any other physiological information NONE
Smoker Y/N and average number of cigarettes per day NO

Pathology (chronic AND acute):

- respiratory
- laryngeal
- buccal
- nasal
- facial (paresis)
- neurological
- gastric reflux

6. Subjective assessment of voice quality (also related to Section 4)

Voice education

- Exceptional
- High
- average
- below average
- low
- virtually not educated

Subjective Quality

- Rough
- Nasal
- Highly nasal
- Small
- Strong
- Plain
- Rounded vowels
- Slow
- Quick (high debit)
- Emotional
- Sweet
- Specific pronunciation of sounds (e.g., aspirated h; highly liquid l, vibrating r)
- Other:

7. Objective measurements of the voice

- Highest and lowest frequencies in the voice
- Average spectra of the phonemes
- F0 (pitch) range; statistics of the pitch, either determined on the voice signal, on the impedance signal (glottal impedancemetry), or by direct visualization
- Jitter, (instability in frequency; measured by the RAP index)
- Shimmer (instability in amplitude; measured by the APQ index)
- Signal to noise ratio (SNR)
- NNE index, i.e. normalized noise energy
- Harmonics to Noise Ratio, HNR,
- Glottal to Noise Excitation Ratio (GNE)
- Cepstrum peak
- Softest intensity of the voice (as measured in dB A – dB on the A scale, with the microphone at 30 cm from the mouse, while pronouncing an "a")
- Roughness, defined as the existence of subharmonics at $(2n\text{-}1)F_0/2$, where F_0 is the pitch, $n = 1, 2,...$