The sound pattern of Standard Italian, as compared with the varieties spoken in Florence

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The sound pattern of Standard Italian, as compared with the varieties spoken in Florence, Milan and Rome

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This paper is a condensed presentation of the phonetics and phonology of Standard Italian, compared to the most prestigious local accents, viz. those of Florence, Milan and Rome. Historically based on the Florentine pronunciation, and traditionally identified with it, Standard Italian is nowadays used by trained speakers such as stage actors and (but less and less so) radio and TV speakers. The present paper aims at depicting the most salient features of Standard Italian, still a matter of primary reference in language courses, comparing them with the characteristic features of the three most prominent local varieties, with which the foreign learner is most likely to be confronted. All traditional (and sometimes widely debated) issues of Italian phonetics/phonology are addressed in the most ecumenical setting possible.

Italian is a Romance language spoken by about 60 million people in the Italian peninsula. It also is one of the official languages of the Swiss Confederation, in which it is spoken natively by some 300,000 people in the Canton Tessin and in the four South Western valleys of Canton Graubünden. A small minority of Italian speakers (a few thousand) is still to be found in Istria (Republics of Croatia and Slovenia), where the Italian-speaking population dropped dramatically after the displacement of political boundaries following World War II (cf. Metzeltin 1992: 320). In Malta, Italian is the third language, after Maltese and English, although it lost official status in 1964 (cf. Cassola 1992: 870f.). Italian is also used, at different levels of proficiency, in expatriate immigrant communities in several parts of the world (Coveri & Bettoni 1991).

Standard Italian (henceforth SI) is written in the Latin alphabet; extant written records of Italo-Romance varieties date back to the 9th century. Today’s SI is based on the Tuscan (more precisely Florentine) dialect, for which extensive documentation is available from the second half of the 13th century. From this dialect, SI inherited its phoneme inventory, but not all allophonic processes. This Florentine-based variety reached the status of an official variety, shared by educated people all over Italy for administrative and literary purposes between the 14th and the early 16th century. Italian, however, did not become the language of everyday communication in all social classes until the 20th century (De Mauro 1972). It is nowadays...
spoken with distinct local accents (cf. Canepari 1979, 1980, 1999 for a comprehensive survey). Among these, the Roman and the Milanese varieties are especially prominent owing to their use in the media, alongside the Florentine variety, which is very close to SI. Over the past few decades especially the Milanese accent seems to be increasingly gaining prestige (Galli de’ Paratesi 1985). Thus, although our sketch basically centres on SI, we will introduce a number of remarks on the three above-mentioned local varieties of Italian (henceforth RI, MI and FI), considering that SI is nowadays part of the active verbal repertoire of just a minority of educated people from Central Italy (especially Tuscany), besides being used by professional speakers or trained stage actors (the single idiolects spoken by these groups of people may, however, include sporadic features typical of RI). Due to its cultural, social and political relevance, the definition of (the status of) SI has been the topic of a long-lasting debate. Besides De Mauro (1972) see, for a recent summary, Marazzini (1994).

Note that many of the features to be described in what follows are not only characteristic of each of the three urban varieties considered, but rather spread over a wider area, namely Northern (MI) and Central-Southern Italy (RI), or Tuscany (FI). The reader should however refrain from assuming that our description tacitly characterises the relevant (inter-)regional domains. A detailed analysis of the non-negligible local differences would far exceed the scope of the present paper.

Within Romance, Italian is one of the most conservative languages with respect to its source (Latin), especially at the phonetic level. On the other hand, vernacular Romance varieties (i.e. primary dialects) spoken in Northern and Southern Italy are highly innovative, often diverging from each other as dramatically as Spanish does from Portuguese or Catalan (cf. Rohls 1966–69, Maiden & Parry 1997 for a survey, and Pellegrini 1977 for the reference chart of Italian vernaculars). Italo-Romance vernaculars will not be directly addressed here, but only sporadically mentioned for their substratum influence on the respective local varieties of the national language. Within the verbal repertoire of linguistic communities in Italy, vernaculars and local varieties of Italian coexist, with the latter historically resulting from the superposition of the Florentine-based literary language (eventually giving rise to contemporary SI) on the former (Pellegrini 1960, Berruto 1987).

## 1 Consonants

The consonant table contains symbols of only phonemically contrasting units, but arranges them in columns corresponding to phonetic points of articulation. (We agree with Walter Belardi that the denomination ‘place of articulation’, although generally accepted, is somewhat infelicitous. What is actually meant is ‘place of constriction’ or *luogo diaframmatico* in Belardi’s terminology.) Actually, only four places of constriction are distinctive in Italian, since the following are not mutually contrastive: bilabial and labiodental, dental and alveolar,
postalveolar and palatal. The following list of (sub)minimal pairs exemplifies the fundamental contrasts:

- lama [lama] ‘blade’ vs. lana [lana] ‘wool’ vs.agna [lana] ‘querulous complaint’;
- para [para] ‘para rubber’ vs. pala [pala] ‘shovel’ vs. paglia [palza] ‘straw’;

(as for the approximants, see below in the section concerning diphthongs).

Plosives are unaspirated in all positions. When clustering with dental obstruents, alveolar sonorants (except /r/) become dental: dentro [dentro] ‘inside’, scalzo [skalzo] ‘barefoot’. Besides [r], which is the unmarked allophone of the rhotic phoneme, individual variants may be encountered (uvular, alveolar or labio-dental approximant; uvular trill). In intervocalic position, non-geminated [r] may often reduce in spontaneous speech to a single linguo-palatal contact; however, after pause or before a consonant, there is usually a double contact.

The phoneme /z/ has a limited distribution. It contrasts with /s/ only intervocically within or at the right edge of lexical morphemes (e.g. SI, but also FI and RI, [fuzO] ‘spindle’ vs. [fuzO] ‘fused’, both spelled fuso, where /z/ occurs before the inflectional morpheme), but not morpheme- and word-initially, where only /s/ occurs before vowels (e.g. sale [sale] ‘salt’), and the voicing contrast is neutralised before a consonant due to assimilation (see below). As for /s/, it appears in brackets in the table because it occurs only marginally in loanwords, in intervocalic position: abat-jour [aba-sur] ‘table lamp’, garage [garaz] ‘garage’.

Word-initially, MI neutralises the contrast /js/ vs. /dz/ in favour of the latter. Besides, the articulation of /f/ V [f] is slightly more anterior than in SI, to the extent that – at the lower end of the sociolinguistic continuum – /k/ is may be realised as /nj/ (Mioni 2001: 162). Intervocalic /s/ is voiceless in RI, so that SI minimal pairs, such as [kje:ze] ‘asked.3sg’ vs. [kje:ze] ‘churches’ (both spelled chiese), are neutralised as [kje:ze] in RI. On the other hand, the growing influence of the Northern pronunciation on FI has levelled out some traditional contrasts, such as the one cited, so that [kje:ze] is now increasingly accepted in both meanings, although normative pronunciation treatises still record the contrast. In MI, the same pair is neutralised into [kje:ze] (for the different vowel, see below) for another reason, since in this variety (as opposed to RI) voiceless intervocalic [s] does not occur morpheme-internally, but only after vowel-final prefixes (e.g. risollevare [risolte:vare] ‘to raise again’), unless the prefix is no longer synchronically analysed as such (e.g. risaltare [ril:ta:re] ‘to stand out’). This behaviour at morphological boundaries is basically found in all Northern varieties, although a fair amount of idiolectal variation is to be observed (Bertinetto 1999b, Baroni 2001).

There has been a lively debate in classical phonemics (summarised in Muljačić 1972: 62–70; see also Loporcaro 1996) addressing the status of geminates as either ‘mono-’ or ‘biphonemic’ units. We use here the term ‘geminates’, as is customary in the contemporary phonological literature, to denote phonetically long (rather than rearticulated, as in e.g. French ne coupe pas [no kup ‘pal] consonants, phonologically parsed into two subsequent syllables. Italian has 15 contrastive geminate consonants: e.g. callo [kalo] ‘corn (i.e. epidermal hardening)’ vs. calo [ka:lo] ‘lower.1sg’, fatto [fato] ‘deed’ vs. fatto [fato] ‘fate’, cacio [ka:jo] ‘hunt.1sg’ vs. cacio [ka:jo] ‘cheese’. These occur intervocically (as in the examples just mentioned) or before glides, e.g. occhiali [okjali] ‘spectacles’, assieme [as:sje:mE] ‘together’, commuovere [komw:overe] ‘to move (psych.)’, annientare [anjen:ta:re] ‘annihilate’, arruolare [ar:wo:la:re] ‘enrol’. In addition, a subset of geminate obstruents consisting of oral stops and /f/ may precede laterals and trills so that the second part of the geminate forms a complex onset: accludere [ak:kludere] ‘to enclose’, afflitto [af:litO]
sorrowful”, *attrezzo* ['atretʃaso] ‘tool’, *offro* ['ɔfrɔ] ’offer.1sg’, *agglomerato* [aɡˈlomeˈratɔ] ‘agglomerate’, *abbreviare* [aˈbrevjaˈre] ‘to shorten’, *raddrizzare* [radriˈtʃare] ‘to straighten’. (Clusters with /vl/, found only in loan words, may undergo postlexical gemination as a consequence of ‘raddoppiamento fonosintattico’ (see below): a [vː] ladimiro ‘to Vladimir’.) The fricative /z/ does not occur as geminate, owing to its restricted distribution (see above), nor do the glides /j w/. However, /j/ is always long in RI: e.g. *maiale* RI [maˈjaːle] ‘pig’.

Also excluded from the gemination correlation are the phonemes /n k/ (ts dz), for they tend to have geminate-like duration, most saliently in intervocalic position: cf. *ragno* [raˈŋɲo] ‘spider’, *aglio* [aˈʎɔ] ‘garlic’, *ascia* [ˈaʃja] ‘axe’, *organizzazione* [ɔrganizˈzaʃiɔne] ‘organisation’ (one partial exception is gli [ˈdziːi], allomorph of the m.pl. definite article, with optional degemination in FI, even when it occurs in intervocalic position). This class is singled out by traditional labels such as ‘consonanti rafforzate’ (‘strengthened consonants’) or ‘geminate intrinseche’ (‘intrinsic geminates’). Historically these consonants evolved from clusters and/or geminates (e.g. *paglia* [paˈʎa] ‘straw’ < *[paːʎa] < Lat. [‘palea’]) and patterned like true geminates in the context of phonological processes. For instance, they inhibited open syllable diphthongisation of /e ː/ (coscia [kɔˈʃja] ‘thigh’ and meglio [mɛˈʎio] ‘better’, like *cotta* [ˈkɔtta] ‘cooked.f.sg’ and bello [beˈʎo] ‘beautiful.m.sg’, vs. *cuoca* [kuˈɔka] ‘cook.f.sg’ and miete [miˈeːte] ‘harvest.3sg’. Further evidence for their historical ambisyllabic status is provided by the preservation of the masculine definitive article lo, that was not ousted by the innovative allomorph il before word-initial ‘intrinsic’ geminates, e.g. *lo sciocco* [lo ‘ʃːko], *lo gnomo* [lo ɲːˈomo], *lo zoccolo* [lo tʃːskolo], *lo zero* [lo ˈdʒɛːro], ‘the idiot, gnome, hoof, zero’ vs. *il sale* [il ˈsaːle] ‘the salt’, *il naso* [il ‘naso] ‘the nose’.

From these examples, one distributional peculiarity of ‘intrinsic’ geminates stands out: unlike distinctive geminates, they are permitted word-initially, provided they are followed by a vowel, although the examples with /k y/ are fairly rare, in particular with /k/. The section on phonotactics will address further distributional constraints bearing on intrinsic geminates. The only word beginning with a distinctive geminate in SI and FI is (di) *Dio* [ˈdjo] ‘(of) God’ (owing to historical agglutination of the definite article: il Dio > (i)ˈiddyio; we mark this lengthening with a semichrone, conforming to our recording); in RI, a few more items may be quoted, namely: *chieesa* [kˈjɛːsa] ‘church’, *sedia* [ˈsɛdja] ‘chair’, là [lə] ‘there’, qua, qui [kwai], [kwɪ] ‘here’, *merda* [ˈmerda] ‘shit’ (the phonetic manifestation of gemination presupposes that these words are preceded by a vowel in connected speech, as in di Dio ‘of God’). Although contrastive word-initial geminates are cross-linguistically rare (cf. e.g. Abramson 1986, Hume et al. 1997), they notably occur in some Central and Southern Italo-Romance vernaculars. RI displays this feature due to substratum influence from one such variety (Romanesco). For contrastive initial geminates in other Southern Italo-Romance vernaculars, see Bertinetto & Loporcaro (1999), Romano (2003).

Acoustically, it should be noted that the behaviour of [n k] (in terms of intrinsic duration and shortening effect on the previous stressed vowel) seems to be somewhat less geminate-like than that of contrastive obstruct geminates (Endo & Bertinetto 1999, Celata & Kaeppe, to appear). In Northern varieties, including MI, the consonants in the [n k ʃ ts dz] set that are more liable to occur as phonetic geminates are [ts dz]. Note, however, that Northern speakers tend to have an orthography-driven pronunciation, so that they may present a length opposition in *vizi* [vitʃi] ‘vices’ vs. *vizz* [vitʃi] ‘withered.m.pl’. But since Northern vernaculars lack consonant quantity (and often present vowel quantity instead), the realisation of all geminate consonants is in general less consistent in MI than in the remaining varieties considered here. Still at the level of phonetic manifestation, it should also be noted that [k] is often realised as [jː] in non-acrolectal RI.

sandhi contexts: *con Carlo* [koŋ 'karlo] ‘with Charles’, *in vetta* [in ˈvetta] ‘on the top’, *in barca* [in ˈbarka] ‘on (the) boat’. In FI and RI, word-final nasals, especially in function words, may fully assimilate to word-initial sonorants: *in mente* [iˈmente] ‘in (one’s) mind’, *un ramo* [ʊˈramo] ‘a branch’, *un lago* [ʊˈlaːɡo] ‘a lake’ (in the recording, however, the RI speaker had a hyperarticulated pronunciation with [in ˈmente]), while the FI speaker produced [ʊˈramo] and [ʊ ˈlaːɡo]). In MI, by contrast, one often finds [n] generalised in coda position, except before [t d ð s] ː, although actual performance fluctuates somewhat.

A phonological process of sandhi gemination of word-initial consonants (known as ‘raddoppiamento/rafforzamento fonosintattico’) applies after final stressed vowels when no pause intervenes: e.g. *tre case* [tɾɛ ˈkæse] ‘three houses’, *parlò latino* [parˈlo la′tino] ‘s/he spoke Latin’. Raddoppiamento is also triggered by a small set of weak monosyllables and paroxytones (‘irregular’ raddoppiamento), as a remnant of the sandhi-assimilation of an etymological final consonant from which this process originated: *a te* [aˈte] ‘to you’, *come voi* [komˈveːjɔ] ‘like you, pl’. Raddoppiamento applies vacuously when the word-initial consonant is /ʃ n ʃ/ ː, in the context relevant to Raddoppiamento (namely, intervocally) the named consonants geminate independently. On the other hand, it does not apply with initial /ʃ w/ ː, nor with initial /s/hc clusters (where capital S indicates voicing neutralisation): *tre spari* [tɾɛ ˈspari] ‘three shots’. By contrast, all other initial clusters regularly undergo raddoppiamento: *tre treni* [tɾɛ ˈtrɛːni] ‘three trains’, *tre chiavi* [tɾɛˈkjaːvi] ‘three keys’, with the exception of the obstruent + obstruent/nasal clusters only occurring in loan words from Greek: cf. *ps* psicologia ‘psychology’, *kn* Cnosso ‘Cnossus’, *pn* pneumatico ‘tyre’, *pt* pterodattilio ‘pterodactyl’, *fr* italico ‘phallic’ (the first consonant of these words tends, however, to have a somewhat longer duration even in non-Raddoppiamento contexts). Raddoppiamento also applies in RI and FI, which present both stress-conditioned and ‘irregular’ raddoppiamento, although with minor lexical divergencies (e.g. *da te* ‘from you’, SI and FI [daˈte] vs. RI [daˈte]). Most Central and Southern varieties only possess the latter type of raddoppiamento, although with a lexical distribution that varies from place to place (Loporcaro 1997). By contrast, raddoppiamento is unknown in MI, as in all Northern varieties. Raddoppiamento has attracted much attention in the phonological literature over the past few decades; see Absalom et al. (2004) for a recent overview.

In-depth consideration of regional variation in allophonic processes would require a lengthy monograph. Just to mention some of the most remarkable phenomena, RI (along with several varieties spoken south of Tuscany) shows affrication of /ʃ/ after dental/alveolar sonorants: e.g. *penso* RI [peŋʃʊsɔ] vs. SI [peŋʃʊsɔ] ‘think.1sg’, *col sole* RI [koˈsʊle] vs. SI [koˈsole] ‘with the sun’, *corsa* RI [koɾtsa] vs. SI [koɾsa] ‘race’. As for Tuscany, this feature has only lately made its timid appearance in the pronunciation of younger FI speakers, despite being widely attested in other parts of the same region (cf. Castellani 1993). FI and RI also display deaffrication of intervocalic /ʒ/ (cf. *pace* [paːˈʃɛ] ‘peace’, *la cena* [laˈˈtʃena] ‘the dinner’ as opposed to SI pasce [paʃɛ] ‘pasture.3sg’, *la scena* [laˈˈʃena] ‘the scene’; cf. Migliorini 1954), although the deaffricated allophone may have an approximant-like articulation or, as among the young generation of RI speakers, may present velarisation (cf. Canepari 1999: 93, 430). Limited to FI, this process also affects intervocalic /dʒː/; *aggio* [aˈʒɔ] ‘ease’, *la gioia* [laˈˈʒɔja] ‘the joy’ (vs. *con gioia* [konˈiˈdʒɔja] ‘with joy’). In RI, by contrast, intervocalic /dʒː/ geminates ([fadʒɔ], [laˈdʒɔja]), as does /b/ both intervocally and before glide or liquid (*cubo* [kubɔ] ‘cube’, *la birra* [laˈˈbirra] ‘the beer’, *la bietola* [laˈˈbijetola] ‘the beetroot’, *libro* [liˈbro] ‘book’; note that a preceding off-glide behaves like a vowel in this respect: *sai bene* [saɪˈˈbeːne] ‘(you) know well’). A prominent feature of FI pronunciation is the spirantisation of intervocalic voiceless stops (the so called ‘gorgia toscana’) which, mostly limited to /k/ ː, breaks into educated pronunciation: e.g. *coca-cola* [ˈkoʃa ˈkoːla] ‘coke’ (as for its variable phonetic implementation, see Sorianello 2003). In RI, non-geminated voiceless stops are limited intervocally (or before glide and liquid; here again, a preceding off-glide behaves like a vowel) resulting in voiceless (or slightly voiced) lenis stops: *hai capito* [aɪˈɡaˌbiːtʃɔ] ‘you have understood’, *i quadri* [iˈkwadri] ‘the pictures’,...
litro ['liːdro] ‘litre’. The process may also variably affect fricatives: e.g. ripòsati [riˈɲɔːза̱di] ‘take a rest’.

As for the palatalisation process that played such an important role in shaping Italian morphonology (e.g. amico [aˈmiːko] ‘friend’, amici [aˈmiːtʃi] ‘friends’, amicizia [aˈmiːtʃiˈtʃa] ‘friendship’), this is no longer productive, and its morpholexical distribution is not predictable except before a few derivational affixes.

2 Vowels

In stressed syllables, Italian has seven monophthongal vowel phonemes, shown in the vowel chart and exemplified in the following list of minimal pairs (Lepschy 1964: 55, Muljačić 1972: 42):

- pizzo [ˈpitʃo] ‘lace’ vs. pezzo [ˈpetʃo] ‘piece’ vs. pazzo [ˈpatʃo] ‘crazy.m.sg’ vs. pozzo [ˈpɔtsɔ] ‘pit’ vs. puzzo [ˈputʃo] ‘stench’;
- botte [ˈbotʃe] ‘barrel’ vs. botte [ˈbotʃe] ‘blows (pl.)’;

As for their formant values, Ferrero et al. (1978) provide the mean figures as in table 1, based on the production of isolated disyllables of the type /CVxCdVx/ by 10 Florentine students, where Cd stands for a voiced or voiceless dental stop. (Ferrero 1972 provides similar figures, relating to isolated vowels uttered by 50 speakers, half for each gender, of miscellaneous regional origin).

Stressed vowels are lengthened in word-internal open syllables when they occur at the end of the intonational phrase (thus including isolated words) or under emphasis: cf. casa [ˈkaʃsa] ‘house’ vs. cassa [ˈkaʃsa] ‘chest’ and casetta [ˈkaʃeːta] ‘little house’. Contrary to wide-spread opinion, this lengthening process is thus far from being a categorical word-level phenomenon, as observed in Bertinetto (1981), Landi & Savy (1996) and McCrary (2003), and as confirmed in the corpus-based study carried out by Dell’Aglio et al. (2002). The exact phonetic implementation of the stress-conditioned lengthening process is, in any case, prosodically governed even at the word level (Marotta 1985). Thus, although we mark lengthening in our transcriptions, even within stretches of connected speech, this merely indicates the pronunciation appropriate to isolated words. (Occasionally, however, we use a raised dot to

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<th>Table 1</th>
<th>Average formant values of SI vowels.</th>
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<tr>
<td>F1</td>
<td>290 ± 35</td>
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<tr>
<td>F2</td>
<td>2310 ± 140</td>
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<td>F3</td>
<td>2960 ± 165</td>
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mark different degrees of lengthening, either to suggest tendential destressing in vowels, or because of performance idiosyncrasies affecting geminates, as witnessed by the recordings.) As for MI (as well as, in general, all regional accents from Northern Italy), it is characterised by tendential lack of vowel lengthening in proparoxytones (cf. tavolo [tavolo] ‘table’).

A notable feature is the lack of lengthening of word-final stressed vowels. In this position, all vowel phonemes occur except /o/: cf. città [ciˈtta] ‘city’, però [peˈro] ‘however’, caffè [kaˈffe] ‘coffee’, perché [perˈke] ‘because’, virtù [virtu] ‘virtue’, fini [ˈfini] ‘(s)he ended’. Final stressed /o/ only occurs in the pronunciation of foreign names such as Bordeaux; however, the corresponding loan word, indicating a nuance of red, has been adapted as bordò, often spelled bordó. The same lowering historically applied to no [no] ‘no’ (instead of the expected *[no] from Lat. NÖN).

Since vowel duration is contextually conditioned in the relevant environments, as indicated above, Italian has no phonological vowel quantity. Even the occasional reiteration of the same vowel at morpheme boundaries is pronounced as a quickly rearticulated vowel (at least with respect to the prosodic profile), rather than as a single long vowel, e.g. cooperare ‘cooperate’, linee ‘lines’, zoologia ‘zoology’ (with both vowels unstressed) and zòo ‘zoo’, fini ‘finished.1sg’, lineetta ‘little line’, piissimo ‘very pious’ (with stress on one of the two vowels; stress marks do not correspond to orthography here). Indeed, in allegro style (especially when both vowels are unstressed), the two vowels may be reduced to a single short one.

As for regional variation, the distribution of stressed higher- vs. lower-mid vowels, both front and back, diverges in FI, RI and MI. In FI and RI, where these phonological contrasts are fairly pervasive, one may observe a number of mismatches in lexical distribution, even though the latter varieties are rather close to SI in this respect, e.g. FI lettera [ˈlettera] ‘letter’, scendo [ʃenˈdo] ‘go down.1sg’, storpio [ʃtɔˈrpio] ‘cripple’, colonna [koˈlɔna] ‘column’ vs. RI lɛtˈtɛra, sɛnˈdo, s[tɔ]ˈrpio, col[ɔ]ˈnna. SI accepts each variant except for the last (cf. Camilli & Fiorelli 1965: 157–164). As for MI, /e/ tends to be in complementary distribution, so that this contrast does not have an overwhelming phonemic relevance, while /o/ have by and large the same distribution as in SI, despite occasional divergencies. However, the latter vowels differ less among each other than in the other varieties considered here, for [ɔ] is actually pronounced slightly higher, namely [ɔː] (on the other hand, stressed /o/ is definitely [ɔ] in RI).

A detailed description of the state of affairs in MI is to be found in Poggi Salani (1976). Suffice it to say that /e/ (often realised as [ɛ]) tends to occur in non-final open syllables and before nasals, except when these are geminated (Canepari 1999: 379; cf. v[e]me in line 1 of the MI tale recording, reported in the appendix): see MI cielo [ˈtʃɛlo] ‘heaven’, penso [ˈpeŋso] ‘think.1sg’ (realised as [ˈpeŋso] in our recording), bene [ˈbeːne] ‘well’ (note that SI presents /e/ in all of these cases); /e/, by contrast (actually lowered to [ɛ]), tends to occur in closed syllables and word-finally in open syllables: MI bicicletta [biʃikletˈta] ‘bicycle’, verde [ˈvɛrde] ‘green’, te [te] ‘you’, as opposed to SI, FI and RI bicicli[ɛ]ta, v[ɛ]rde, t[e]. In any case, the opposition /e/ retains a marginal phonemic value even in MI, for these vowels occasionally contrast in the same environments: e.g. re [re] ‘king’ vs. re [re] ‘D (musical note)’, with reversal of the SI, FI and RI opposition. Besides, not all closed syllables involve /ɛ/; for instance, /ei/ is retained when the final vowel of an infinitive is truncated before a clitic (vederlo [ˈvederlo] ‘to see it’), and regularly occurs before /ŋ/ (e.g. leggo [ˈleɡɡo] ‘read.1sg’). Moreover, one regularly finds /e/ in hiatus before /i/ (e.g. nei [ˈnɛi] ‘moles’).

In non-final unstressed position, only five vowels occur, namely [i e a o u]. Lower-mid vowels do not occur, as they merge with higher-mid through raising: cf. legge [ledʒɛ] ‘law’, neutralised in leggiamo [ˈleɡɡiamo] ‘read.1pl’, leggina [ˈleɡɡina] ‘little law’; foro [fɔˈro] ‘forum’ vs. foro [fɔˈro] ‘hole’, neutralised in forense [ˈfoŋɡɛse] ‘forensic’, forato [ˈforatɔ] ‘pierced’. These unstressed allophones are usually somewhat intermediate, i.e. [ɛ ɔ], although in our transcriptions we ignore this detail. Castellani (1956: 55–58) has an in-depth discussion of the varying heights of unstressed /e o/. The height of these
vowels is context-sensitive, depending on adjacent consonants as well as on vowels in adjacent syllables. For instance, unstressed /e/ is more open in terrestre [tɛˈrɛstɾe] ‘terrestrial’, due to the following /r/ and to stressed /e/, than in retino [retˈtino] ‘little net’, due to the following high vowel; similarly, the /e/ in the second syllable is slightly more closed in credere [kreˈdɛrɛ] ‘to believe’ than in crederci [kreˈdɛrʧi] ‘to believe in (something)’.

While raising applies to both inflected and derived forms, it does not apply to the first element of a compound, which retains secondary (lexical) stress (see also below): appendiabiti [apˈpɛndiabiti] ‘dress-hanger’ (cf. appendix [apˈpɛndɪks] ‘hang.1sg’ vs. appendiamo [apˈpɛndʒaˈmːo] ‘hang.1pl’), tossicodipendente [tɔˈsiːkodiˈpenˈdɛnte] ‘drug-addict’ (cf. tossico [tɔˈskiːko] ‘toxic’ vs. intossicare [intɔˈskiːkare] ‘intoxicate’). In words like beneficio [beˈnefɪtsio] ‘benefit’, the first element (originally b[eː]ne ‘well’) behaves phonologically like a prefix rather than like the first member of a compound. In general, the likelihood for raising to affect the stressed vowel of the first stem in a compound increases with the increase of morpho-semantic opacity: thus portafoglio [pɔrtɐˈfɔʎo] ‘wallet’, copriletto [koˈprɪletʊ] ‘bedspread’ (lit. ‘bring-paper’ and ‘bed-cover’) may as well be pronounced [pɔrtɐˈfɔʎo], [koˈprɪletʊ], which correlates with the (semantic) fact that they are, respectively, not a mere ‘sheet of paper (foglio) holder’ nor a generic ‘bed-covering device’. Furthermore, a prosodic factor comes into play here, as raising is less likely to occur as the stress interval grows, thus diminishing the likelihood of destressing of the first member of the compound. Consequently, portamonete ‘wallet’ and copridivano ‘sofa-cover’ (as opposed to portafoglio, copriletto) never display raising, because of both their morpho-semantic transparency and the longer stress interval.

On the other hand, so-called ‘classical compounds’, consisting of two bound morphemes, optionally allow raising, as the morphological structure of these complex words is now completely opaque to the average speaker: glottologia [ɡloˈtolɔdʒja]/[ɡloˈtolɔdʒja] ‘glottology’, logopedia [loˈɡoːpedja]/[loˈɡoːpedja] ‘speech therapy’, cenotafio [tɛnɔˈtaːfjo]/[tɛnɔˈtaːfjo] ‘cenotaph’. In a few cases, the opposite process, i.e. lowering, may be observed under suffixation, e.g. Platone [plaˈtɔne] ‘Plato’ vs. platonico [plaˈtɔnɪkɔ] ‘Platonic’, protone [prɔˈtɔne] ‘proton’ vs. protonico [prɔˈtɔnɪkɔ] ‘protonic’, censore [ʦɛnˈsore] ‘censor’ vs. censoriale [ʦɛnˈsɔriːle] ‘censorial’, direttore [ˈdɪrɛttờre] ‘director’ vs. direttorio [ˈdɪrɛttɔriɔ] ‘directory’ (cf. Nespor 1993: 94, who, however, includes examples like poetico ‘poetic’, professore ‘professor’ vs. profetico ‘prophetic’, which actually exhibit stressed /e/ in all alternants of the root). Historically in all of these (learned) words the lower-mid vowel used to occur, which was however modified in the base, due to analogical leveling on the model of -one, -ore suffixes in directly inherited words. Raising in derivation is to be observed in Malesia [maˈlezja] ‘Malesia’ vs. malese [maˈleːse] ‘Malay’.

Word-finally, there are only four unstressed vowel phonemes, due to the non-occurrence of /u/, except for a few loanwords, such as bantu [banˈtu]. Such loanwords, indeed, were often adapted through stress-shift: cf. the alternative form bantù [banˈtu] as well as tabù [taˈbu] ‘taboo’ (the latter in common use as opposed to tabu [taˈbu], confined to the ethnologists’ jargon).

Italian has the opening and the closing diphthongs as shown in table 2 (cf. Muljačić 1972: 85ff., Mioni 2001: 176–180). (We use ‘opening’ and ‘closing’ as referring to the position of the glide, before or after the syllabic peak.)

<table>
<thead>
<tr>
<th>syllabic V</th>
<th>i</th>
<th>e</th>
<th>a</th>
<th>ò</th>
<th>o</th>
<th>u</th>
</tr>
</thead>
<tbody>
<tr>
<td>raising with [j]</td>
<td>je</td>
<td>je</td>
<td>ja</td>
<td>jo</td>
<td>jo</td>
<td>ju</td>
</tr>
<tr>
<td>raising with [w]</td>
<td>wi</td>
<td>we</td>
<td>wa</td>
<td>wo</td>
<td>wo</td>
<td></td>
</tr>
<tr>
<td>falling with [j]</td>
<td>ej</td>
<td>ej</td>
<td>aj</td>
<td>oj</td>
<td>oj</td>
<td>uj</td>
</tr>
</tbody>
</table>

Table 2 Opening and closing diphthongs of SI.
Most of the observed gaps have a straightforward phonetic (articulatory / perceptual) explanation, as they would create universally disfavoured strings (e.g. */j/, */w/, */i/, */u/). In opening diphthongs actual glides occur, although the constriction is not particularly notable, so that these phones retain a relatively vocalic flavour, despite their consonant-like behaviour in distributional terms:


Triphthongs arise from a sequence of two onglides, normally separated by a morpheme boundary, plus a vowel: e.g. **continuiamo** [kontjuˈnjaːmo] ‘continue.1.pl’ (where the labial-palatal glide /u/ is due to coarticulation). Triphthongs within lexical morphemes are much rarer (cf. **acquiescenza** [akwweʃeʃenˈtsa] ‘acquiescence’), although they may surface in allegro style: **quiete** [kwijetɛ] → [kwijɛtɛ] ‘calmness’. (The glide in the last two words may possibly be [u], as in **continuano** [kuntjuˈnaː], at least for some speakers. No one, however, has carried out a detailed investigation to date.)

In general, unstressed /i/ /u/ in hiatus can turn into glides in allegro speech: e.g. **biennale** [biˈɛnːaːle] → [bjeˈnːaːle] ‘biennial’. This is all the more likely, the further the stress from the affected syllable: **attualizzare** [attualidˈzazaːre] → [attwalidˈzazaːre] ‘to update’, but **biennio** ‘biennium’ does not become *[bjenˈjo]. This process also affects the creation of closing diphthongs from word-final /V/ strings, which are normally realised as hiatus before pause: e.g. **poi** [poj] ‘later on’, **lui** [luj] /luij/ ‘he’. In fast speech even mid-vowels may become semivowels, as in allegro speech **sterotipato** [storotipˈato] → [storotipˈato] ‘stereotyped’ or **coalizione** [koalitʃiˈzjoːne] → [koalitʃiˈzjoːne] ‘coalition’. Lexically stressed vowels may become glides when they are contextually destressed, especially when they occur in function words: e.g. **il mio/tuo libro** [il miˈo tʃuˈo ˈliːbro] → [il mjo/twoˈliːbro] ‘my/your book’. In most cases, however, stress is a reliable criterion to distinguish between hiatus and diphthong (cf. **Laura** [lauˈra] (person name) vs. **paura** [pauˈra] ‘fear’, **faida** [faˈdaj}] ‘feud’ vs. **faima** [faˈiːma] ‘stone-marten’). On other occasions the difference may be very subtle in connected speech: cf. **chiostra** [kʃoˈsta] ‘gloss’ vs. **chi osa** [kiˈosa] ‘who dares’.

In connected speech, word-final unstressed vowels are often weakened prevocally, and this can result in various degrees of reduction, from glide formation (buoni amici [ˌbuɔni amˈkiti] ‘good friends’) to complete deletion (gli amici arrivano [ˈɡli amˌikit aˈriːvano] ‘the friends arrive’). Indeed, many function words exhibit a prevocalic allomorph: cf. [lo], [la]/[l] ‘def.art.m., f.sg; [uno], [una]/[un] ‘indef.art.m., f.sg; [del], [dela]/[del] ‘of the.m., f.sg’, etc. (in spelling, this grammaticalised elision is marked by an apostrophe, e.g. I’, un’, dell’, etc., except for un ‘indef.art.m.sg’). More generally, as word-boundaries have no phonological import in the language, as string such as – V##V – may be realised as a closing diphthong, e.g. **proprietà inalienabile** [ˈprɔprjeˈtɔ inaliˈjenabila] ‘inalienable property’, **paltò amaranțo** [paltɔ aməˈranʃtɔ] ‘amaranth coat’. The actual implementation is subject to massive variation; in any case, the insertion of a glottal stop between the abutting vowels would only emerge in strongly hyperarticulated, emphatic speech (Camilli & Fiorelli 1965: 63–69, 83–87; Marotta & Sorianello 1998; Canepari 1999: 94–96, 143–148; Mioni 2001: 209ff.)
On the other hand, the rhythmically based process of post-sonorant final unstressed vowel deletion (known as ‘troncamento’), which used to be fairly widespread, is now severely restricted. A few lexicalised allomorphs (buon, bel, quel) still testify to the wide range of application in past stages of the language: un buon(*o) consiglio [um bwoŋ kɔnˈʃɪli] ‘a good suggestion’, quel(*lo) giorno [kwel ðˈjɔrno] ‘that day’, bel(*lo) cane [bel kane] ‘beautiful dog’. These exceptions aside, the only vowel liable to be elided in contemporary SI is /e/. This process is mandatory only in sequences of infinitives plus enclitics (finir(*e)lo ‘to finish it’, condur(*re)ci ‘to lead us’), and strongly favoured in profession titles followed by person names (e.g. dottor (*e) Rossi ‘Dr. Rossi’), within lexicalised idioms (a maggior (*e) ragione ‘all the more likely’) and within phrasal compounds (calor (*e) bianco ‘white heat’). It may optionally appear in certain verbal forms, such as infinitives or the present tense 3sg form of volere ‘to want’: cf. finir(e) male ‘to end-up badly’, vuol(e) partire ‘s/he wants to leave’. Troncamento of /io/ (once a regular feature) persists in FI in non-oxytonic 3pl. verb forms, although it is felt as old-fashioned (archaic or poetic) in SI: e.g. vivon(o) tutti ‘(they) all live’, SI [viˈvoŋ tutˈti] vs. FI [viˈvono tutˈti], prendon(o) parte ‘(they) take part’, SI [prendono partˈɛ] vs. FI [prendom partˈɛ].

The diphthongisation process that turned most /e ə/ in open syllables into /je wo/ (e.g. tien[e] ‘keeps’, fuoco [ˈfuɔːko] ‘fire’) is no longer productive, and its morpholexical distribution, while conditioned by morphological factors, most notably in verb inflection (Maiden 1992), is not phonologically predictable due to analogical levelling.

### 3 Syllable structure and phonotactic constraints

Syllable structure is relatively simple, at least in the autochthonous lexicon. (See e.g. Schmid 1999: 157–172 for a recent overview of phonotactic constraints obtaining in Italian.) In keeping with a typological universal, the coda position undergoes the most severe constraints, as it normally consists of just one of the following consonants: /t l N S/ (where capital letters indicate place and voicing neutralisation, respectively; as for /S/, in particular, see below for further details). Alternatively, the coda may consist of the first part of a distinctive or ‘intrinsic’ geminate. Other coda consonants occur only in loan-words, most of them originally drawn from Greek: e.g. ritmo /ˈrit.mo/ ‘rhythm’, nafta /ˈnaf.ta/ ‘Diesel oil’. Biconsonantal codas are quite rare, and restricted to learned words, such as transfrastico /transˈfrastoːko/ ‘trans-sentential’. The first part of a geminate may never belong to a complex coda (thus: */C_sC_x C_x/).

Most treatments of Italian phonology suggest that /S/+C clusters are heterosyllabic. Historical data support this, as shown by the fact that open syllable diphthongisation of Proto-Romance /s/ and /e/ was blocked before such clusters: tosto [tɔsto] ‘hard’, vesti [vesti] ‘clothes’ vs. cuore [kwɔˈre] ‘heart’, viene [ˈvjene] ‘come.3sg’. Word-initially, /S/+C clusters must also have been heterosyllabic, with a tendency for /S/ to resyllabify as coda to a preceding syllable nucleus, as testified by the occurrence of i-prosthesis in Old Italian: con iʃorfo ‘with effort’, in Ispagna ‘in Spain’. Another piece of evidence often invoked in this connection is the fact that word-initial /S/+C clusters prevented the replacement of the original definite article lo through il, just like initial ‘intrinsic’ geminates (see above): cf. lo sapore ‘the shot’, lo scontro ‘the crash’ (cf. il sapore, etc.). While heterosyllabicity is beyond any doubt for Old Italian, that a change may have occurred is evidenced by the fading of i-prosthesis (except in FI, where it marginally survives). Nowadays these clusters are mostly tolerated (see con sforzo, in Spagna), despite retention of epenthesis in frozen idioms such as per iscritto ‘in written form’. A strictly heterosyllabic analysis would force us to assume a biconsonantal coda ([kɔnˌʃɔrʃo]), but this, as noted above, is highly marked (as an alternative, FI and RI speakers may optionally exhibit cluster simplification, as in [ko sʃɔrʃo]). A possible solution would be that the syllabification of /S/+C clusters is underdetermined for contemporary
Table 3 Palatals and affricates’ distribution after coda consonants.

<table>
<thead>
<tr>
<th></th>
<th>( \alpha )</th>
<th>( \eta )</th>
<th>( \iota )</th>
<th>( \tilde{\iota} )</th>
<th>( \tilde{\iota}\zeta )</th>
<th>( \tilde{\iota}\omicron )</th>
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<tbody>
<tr>
<td>( r _ )</td>
<td>(-) darX( \acute{\iota} )</td>
<td>Gar( \tilde{\iota} )ano</td>
<td>Mar( \tilde{\iota} )</td>
<td>mar( \tilde{\iota}\zeta )o</td>
<td>ar( \tilde{\iota}\zeta\omicron )</td>
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<td>( s _ )</td>
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The sound pattern of Standard Italian (Bertinetto 1999a, 2004). The actual probability of the hetero- vs. tautosyllabic solution varies according to the context and the idiosyncratic behaviour of the speakers (cf. Turchi & Bertinetto 2000).

The onset position is far less constrained, as it may contain any consonant. However, some syntagmatic restrictions do exist. Glides may not exhaust the onset position if a consonant precedes, for in /VCjV/ and /VCwV/ strings the syllable boundary obligatorily precedes the C. The range of conceivable combinations of coda + onset is further restricted, as palatals and affricates are subject to specific constraints. This is shown in table 3. Rare combinations, possibly occurring only across a morpheme boundary, are marked with ‘(–)’. The sequence /st\( \tilde{\iota} \)/ may optionally (and indeed regularly in MI) occur word-initially in words like scentrato ‘off centre’ and servellato ‘brainless’, where the FI pronunciation is mandatorily /s\( \tilde{\iota}\)/entrato. After sonorant codas, affricates are unconstrained whereas /\( \tilde{\iota}\)/ and the sonorant palatals scarcely occur, apart from a few learned words (/l\( \tilde{\iota}\)/, /n\( \tilde{\iota}\)/), place names (/\( \tilde{\iota}\)p\( \tilde{\iota}\)/, /\( \tilde{\iota}\)f\( \tilde{\iota}\)/), or in postlexical verb plus clitic sequences (/\( \iota\)\( \tilde{\iota}\)\( \iota\)/).

Complex onsets typically arise from the combination of obstruents and /r l j w/, although not all sequences are allowed (e.g. */trl/). Combinations other than the above-mentioned occur only in learned loan-words from Ancient Greek, such as tmesi [tme:zi] ‘tmesis’. As exemplified above, the first position of a complex onset may be filled by (the second part of) a distinctive geminate consonant under certain conditions. ‘Intrinsic’ geminates, on the other hand, undergo more severe restrictions, as do palatal affricates. They cannot be followed by /\( \tilde{\iota}\)/; as for glides, they are shown in table 4. As may be seen, /\( \tilde{\iota}s\)/ and /\( \tilde{\iota}\zeta\)/ are the only consonants in this set to combine with a following glide, albeit rarely. The remaining examples of /\( \iota\)\( \tilde{\iota}\)/ only occur in archaic variants of words whose diphthongs have been simplified in modern Italian. Word-initially, triconsonantal strings may be found when /S/ is added to a legal biconsonantal onset: e.g. strada [\( \iota\)str\( \tilde{\iota}\)da] ‘road’, sbriociolare [zbri\( \tilde{\iota}\)\( \tilde{\iota}\)l\( \tilde{\iota}\)are] ‘to crumble’.

Nuclei may consist of a single vowel or a diphthong. Closing diphthongs can be represented as complex rhymes in a uniform manner (Marotta 1988). Opening diphthongs, on the other hand, do not display a uniform distribution. In masculine singular words, word-initial strings of /\( \tilde{\iota}\)/ + vowel and /\( \iota\)/ + non-back vowel require one of the two preconsonantal allomorphs of the definite article: e.g. lo iodio ‘the iodine’, lo iato ‘the hiatus’, lo iettatore ‘the bearer of ill-luck’ vs. il whisky ‘the whisky’, il uadi ‘the wadi’ (il uadi is also admitted by some speakers). The prevocalic allomorph is only selected by patrimonial words beginning with /\( \iota\)w\( \tilde{\iota}\)/: l’uomo ‘the man’, l’uovo ‘the egg’, like l’oro ‘the gold’ and l’oste ‘the inn-keeper’. This has led some scholars to single out /\( \iota\)w\( \tilde{\iota}\)/ from the other opening diphthongs, representing
it as a complex nucleus, whilst in the remaining diphthongs the glide is syllabified as onset. Note, however, that recent loans with initial /wɔ/ select the preconsonantal allomorph: e.g. *il walkie-talkie* [il ‘wɔli ‘tɔliki] ‘the walkie-talkie’.

In SI, word and morpheme boundaries do not categorically constrain syllabification, as opposed to languages like English or German. Thus, Italian presents resyllabification, both derivationally (cf. *inabile* [i.na:bi.le] ‘unable’) and postlexically (cf. *con Alberto* [ko.n al.‘ber.to] ‘with Albert’). However, metalinguistic consciousness of morphological boundaries may induce educated speakers to perceive contrasts in syllabification such as the one between *sublime* [su.blime:me] ‘sublime’ and *subliminale* [sub.li.mi:nale:le] ‘subliminal’. Since consonant-final words are rare in the native lexicon (although nowadays steeply growing in number due to borrowing), in post-lexical syllabification they are adjusted through gemination of their final consonant, so that this becomes ambisyllabic: cf. *tram azzurro* [‘tram...a’dzu...ro] ‘blue tramway’, *sub atletico* [‘sub...a’tle:ti:ko] ‘athletic scuba diver’, *lapis appuntito* [‘lapis: apun:ti:to] ‘sharpened pencil’. It should be noted, though, that in the latter case post-lexical resyllabification is preferred by some speakers, particularly by MI speakers (e.g. *lapis ap...to*). The difficulty traditionally caused by word-final consonants is in any case accommodated in rural FI and RI pronunciations by using epenthesis before consonant or pause, e.g. *‘tram:e*’, *‘sub:e*’ and *lapise:*.

### Table 4 Palatals and affricates’ distribution before glides.

<table>
<thead>
<tr>
<th></th>
<th>ā</th>
<th>ū</th>
<th>ū’</th>
<th>ū’’</th>
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<td>Ŵ</td>
<td>(–)</td>
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</tr>
<tr>
<td>ŵ</td>
<td><em>f(ā)’ū</em>io  ‘son’</td>
<td><em>gr(ō)u</em>ola  ‘shower (of blows)’</td>
<td>–</td>
<td><em>ca(ō)u</em>ola  ‘towel’</td>
<td><em>gar(ā)u</em>ola  ‘core (bot.)’</td>
</tr>
</tbody>
</table>

### 4 Prosody

Lexical stress is distinctive: *fatico* [fətikɔ] ‘phatic’, *fatico* [fətikɔ] ‘labour.1sg’, *faticò* [fati:ko] ‘laboured.3sg’. In the orthography, only final stress is marked, although attempts at also marking antepenultimate stress have repeated, and unsuccessfully, been put forth. Stress occurs on one of the last three syllables of the (lexical) word. In verb inflection, fourth-from-last stress occurs in the 3rd person plural of the present tense of verbs with proparoxytonic root: *abitano* [a:bitano] ‘inhabit.3pl’. Postlexically, fourth- and even fifth- and sixth-from-last stress is found when the verb hosts one or more clitics, as these do not alter the stress position: *mandaglielo* [man:da:le:lo] ‘send it to him’, *macinamelto* [ma:ci:na:me:tlo] ‘grind it for me’, *macinamicelo* [ma:ci:ni:ma:le:lo] ‘grind it for me onto it’. When stress retracts further back than the antepenult, the unmarked pronunciation of the following string is fully unstressed. Under emphasis, secondary rhythmic stress may never be inserted on the penult: *abitano* [a:bita:no]/*[a:bita:no] ‘inhabit.3pl’, *mandaglie* [man:da:le:lo]/*[man:da:le:lo] ‘send it to him’.

A phonological constraint dictates that a closed penult obligatorily carries stress (*compatto* [kom’patto] ‘compact’, *esperto* [es’pertο] ‘expert’), and this extends to internal /S/+C clusters ([kom’posto] ‘composed’), which unequivocally shows that historically these clusters were heterosyllabic, however they are to be analysed synchronically. Actually, a handful of lexical
exceptions are to be found in ancient loanwords (e.g. polizza ['polita] ‘(insurance) policy’, manderla [mandorla] ‘almond’, both of Greek origin) and in a few place-names (e.g. Taranto [taranto], Lepanto [lepanto]), with the addition of sporadic modern loan-words such as liberty ['liberi] ‘a type of architectural style’, contrasting with liberti [liiberi] ‘freed slaves’. While the heavy-penult constraint is still active to some extent, as witnessed by the current popular (mis)pronunciation of foreign words such as German Reisende [raizendə] ‘traveller(s)’ or Forschungen [forʃungə] ‘research.pl’, a minor stress-pattern is presently gaining ground, implying proparoxytonic stress on English-sounding words (especially, but not only, commercial labels), such as Benetton [beneton] or Mediaset [medjaset] (firm names). This minor stress rule implies that the ultima be heavy, while it is insensitive to the weight of the penultima, as testified by Fininvest [fininvest] (firm name). Until a few decades ago, the standard stress pattern in all these cases would have been oxytonic. The innovatory proparoxytonic stress pattern is nowadays enforced quite independently from the original stress of the loan in the donor language; this is to be seen both in the widespread (mis)pronunciation of English performance, currently stressed [performans] even by some educated people, and in the above quoted firm name Benetton, which is actually an oxytonic family name from Veneto ([benetton]).

Secondary stress is not distinctive: there are no segmentally identical minimal pairs distinguished by the respective placement of primary vs. secondary stress (as opposed to Germ. ümläufen [umlaofən] ‘to run over (on foot)’ vs. ümlauf [umlaofən] ‘to run around’). However, when word sequences are taken into consideration, one may marginally find oppositions such as att'accapànni [at:takapən:i] ‘dress-hanger’ vs. attàcca pànni [at:akia 'pani] ‘s/he hangs clothes’, although this phonetic contrast is more virtual than real, since all (non-emphasised) primary stresses but the utterance-final one are considerably weakened in the speech chain (Bertinetto 1981). As already suggested by attaccapànni, mentioned above, secondary stress is lexically determined in compounds: apriscátole ‘can opener’, capostazione ‘station-master’, temperamatìte ‘pencil-sharpenener’, i.e. it falls on the syllable that would carry the primary stress in the corresponding isolated words. This accounts for the non-application of raising in e.g. tostapane (see above). Note however that the perceptual salience of secondary prominences tends to increase with the length of the inter-stress interval, for they are often barely noticeable as the interval grows less.

As for non-compound polysyllables, secondary prominences (in this case more properly called ‘rhythmical’ prominences), besides obeying the same prosodic constraint in terms of salience, tend to be movable, i.e. may be differently located depending on the rhythmical structure of the intonational phrase, provided the minimal distance of one intervening unstressed syllable is respected. Thus, depending on tempo and rhythmical context, a word such as lubrificatoio ‘lubricator’ may be produced in not less than three ways: lubrificatòio, lubrificatòio, or, under special emphasis, lubrificatòio. As the example shows, the number of rhythmical prominences may vary. Considering this fair amount of variability, both in number and location of rhythmical prominences, the secondary stress marked in the transcriptions of the non-compound polysyllables quoted in this paper should not be taken as a categorical indication. There is however a general tendency not to shift the ‘rhythmical’ secondary stress to the immediate right of the syllable stressed on the preceding cycle, so that praticamènte sounds awkward as opposed to praticamènte. But the whole matter still deserves more careful investigation.

In terms of prosodic typology, Italian is a syllable-timed language (cf. Bertinetto 1981, 1989). In particular, reduction of unstressed vowels is not found as a phonological process, so that their centralisation in connected speech, although measurably present (Albano Leoni et al. 1995), does not exceed the level of physiological articulatory undershooting. Equally, the process of intersyllabic vowel coarticulation, although well-documented instrumentally, is not as consistent as in English in terms of direction of assimilation, nor as strictly correlated with the process of vowel shortening as a consequence of the number of vowels in the foot.
(Vayra & Fowler 1992). Needless to say, the prosodic typology issue is very thorny, and cannot be done full justice here. We limit ourselves to stressing that (syllable and inter-stress) duration is but one side of the matter, not the whole story.

Due to the lack of phonological import of word and morpheme boundaries, Italian presents no prominent junctural phenomena (Bertinetto 1981). Thus, the following sequences are differentiated only in emphatic pronunciation: *di versi* ‘of verses’ vs. *diversi* ‘diverse’, *al largo* ‘in the open sea’ vs. *allargo* ‘enlarge.1sg’, *con piacere* ‘with pleasure’ vs. *compiacere* ‘to please’ (although in MI the nasal, realised as [n], does not assimilate in the first case), *essere roso* ‘to be gnawed’ and *esser eroso* ‘to be eroded’ (at least in RI and MI, where both sibilants are voiceless or, respectively, voiced, whereas in SI and FI one finds *ro[z]o* and *ero[s]o*). On the other hand, pairs like *li imitano* ‘imitate.3pl them’ and *limitano* ‘limit.3pl’ may be confused only in allegro speech, if the vowels at the word-boundary coalesce.

Except for the contrast between the major illocutionary functions – declarative sentences, continuative clauses, global (i.e. polar) and partial questions – intonation is used to convey pragmatic intentions, according to regionally-connotated schemes. Indeed, the different intonational patterns are a major discriminant of local varieties (Canepari 1979, Endo & Bertinetto 1997). Limiting our consideration to the most salient features and to pragmatically neutral contexts, the last stressed syllable presents falling F0 contour in declarative sentences, falling-rising or rising-falling contour in continuative clauses, falling contour followed by a steep rise in polar questions. As for partial questions, they present initial rise, located on the stressed syllable of the *wh*-word, while the overall contour is characterised by gradual fall or (less often) by final rise (Magno Caldognetto et al. 1978). Contrastive focus may be realised on any syntactic component, and is manifested by a sharp rising-falling contour on the stressed syllable, as well as by an increase in duration and amplitude. For a recent overview of the literature on Italian intonation, cf. D’Imperio (2002), Avesani & Vayra (2003), Gili Fivela & Savino (2003).

5 Transcription of sample passage

Under SI we provide a very formal pronunciation (almost a word level one); under ‘SI-allegro style’ we propose instead a possible fluent version of the same passage. FI, RI and MI, referring to the three local varieties considered in this paper, are conceived in the same vein as SI (i.e. without taking into account allegro style processes). It will not go unnoticed that FI and RI – as compared to MI – present greater morpholexical idiosyncrasy.

The sources of our transcriptions were recordings by native speakers of the four varieties considered. However, in order to provide a more informative rendering, we did not transcribe purely idiosyncratic features. Furthermore, we slightly elaborated the FI and RI transcriptions, in order to provide more information as for these varieties. Indeed, when spoken by educated people, FI and RI may sound very close to SI (which, as noted above, is Florentine-based); and this is definitely likely to occur while reading a passage into a microphone. As a consequence of our elaboration, the FI and RI transcriptions present greater morpholexical divergence from SI as compared to MI. They reflect the behaviour of relatively educated speakers who do not want (or possibly are unable) to make a conscious effort to sound ‘standard’. Note, however, that although even more strongly local features would emerge as one approaches the other end of the continuum (i.e. the vernacular), our transcriptions by no means imply that all speakers in Florence and Rome adopt the illustrated behaviour, nor that MI sounds in general more SI-like, at least at the morpholexical level, than FI and RI.

Our choice has a historical background. The variety of Italian spoken in Florence is the result of the uninterrupted spontaneous evolution of the language (which went even further in the local basilect, unconstrained by literary codification), and this indirectly extends to Rome,
since Roman speech was heavily tuscanised in the late Middle Ages. It is crucial to realise that this process of tuscanisation reached the most basilectal varieties, to the point that the original Italo-Romance vernacular, which shared many isoglosses with southern Italian dialects, was ousted by a tuscanised one. As a result of these historical circumstances, in both Florence and Rome one observes a real continuum between vernacular and SI. By contrast, in Milan a sharper distinction is to be observed between the two. MI reflects the peculiar adaptation of the literary standard, which was for a long time totally alien to uneducated speakers (hence, the large majority of the population) and did not influence the local vernacular (Milanese) as heavily as it did in Rome. Thus, on the one hand, the Milanese vernacular is in all respects extremely remote from SI, while, on the other hand, MI is phonetically distinctly different from SI. Indeed, a speaker of MI is not likely to adopt the SI pronunciation, unless s/he has received explicit training (e.g. for professional purposes).

One further remark concerns the notation of stress on syllables beginning with the second part of a geminate. Although the current IPA convention requires it to be marked as e.g. *pattume* [paˈtʃuːme] ‘trash’, one might also choose to transcribe [paˈtʃuːme], to convey the (phonologically relevant) information that the geminate forms both the coda of the preceding syllable and the onset of the following one.

The realisation of intervocalic /s/ vs. /z/ constitutes a delicate point, for lexically-conditioned change seems to be in process under northern influence. Since our speaker belongs to the younger generation, in the allegro style recording [z] shows up in a few cases where [s] would normally be used by the older generation. Thus, the speaker realised *rispo*[z]arsi, line 7, *rispo*[z]*atisi*, line 9, and *rispo*[z]*e*, line 11.

Note finally that the hypercultivated pronunciation of the word *Borea* (conforming to the Greek, rather than to the Latin stress rules) would imply stress on the second vowel. The most widespread pronunciation, however, which our speakers adopt and most dictionaries report, presents stress retraction.

The recordings are available at <http://alphalinguistica.sns.it/Archivio.htm>.

**SI**

la *bœrea* e il *fàvçñio* ||

una *vɔltə* | ala *bœrea* vene *vɔc̥a* di ’pɾɛn̥der ma’riːto || aŋ’do dal *fàvçñio* e ˈzi ˈdise ||

*’vvoj ʰessere mi’ spɔzɔ* || il *fàvçñio* ’era ʊŋ *tipɔ aṭa’kjaːto *aj kwɔtrini |

e le ’dɔme non ˈaŋ’dɔ wan *a’dʒamjio* || le ’dise || ˈno ̃ || perke non ˈaj ne’anjke ʊŋ *sɔldo* di ’dɔtɛ || la *bœrea* | pun’ta sul ’vivɔ | si ’mizə a so’ﬁjaɾe koɲ’ toute le ʃuɾe ˈforfsteen || so’ﬁjo per ’tɛ ’dʒɔrnɪ | e ne’vik’o *fiṫto ɾiţto* || ’kwɔnd ʰeb’ne ʰfinito di ’stɛndɛre il suo a’dʒɛnto in’torno || ’disə || ˈekɔti la *mia* ’dɔtɛ | ’tu ke di’dʃevi ke mon’ ɪf ˈl ɔ || e aŋ’do a ri’poʃarsi delɑ*’fatikɑ* || il *fàvçñio* skro’li ke *spalɛ | e si ’mizə a so’ﬁjaɾe ˈluɾi ||

la *kampɔnja* e i ’moŋti restaturon ˈsɔto un ʃja’ko kal’dɔ ke ʃja’le fɪn ʃul’tmʊ ʃjo’ko di ’nɛnɛ || la *bœrea* | ri’pɔ’rastasi per ’bɛnɛ | ’vide ke ’dela’ ’dɔtɛ noɾe’staɾa ʃpu ˈnula | dɔv’ e aŋ’datʃa ’tutta la tʊ ’dɔtɛ | la kadʃɔnto il *fàvçñio* || ɪŋ’sɔmə | mi ˈvwoj aŋkɔra per ma’riːto || la *bœrea* ˈzi rɪspɔsɛ || ˈno | ˈnom vo’treʃ ’maɭ ʰessere tura *spɔza* | perke in un ’dʒɔrnɔ ’seʃ ka’paɾtʃe di maŋ’darmi ɪm’ ɪʃuɾo ’tuːta la ’dɔtɛ ||

**SI-allegro style**

la *bœrea* e il *fàvçñio* ||

una *vɔltə* | ala *bœrea* vene *vɔc̥a* di ’pɾɛn̥der ma’riːto || aŋ’do dal *fàvçñio* e ˈzi ˈdise ||

*’vvoj ʰessere mjo’ spɔzɔ* || il *fàvçñio* ’era ʊŋ *tipɔ aṭa’kjaːto *aj kwɔtrini |

e le ’dɔme non ˈaŋ’dɔ wan a’dʒemjio || le ’dise || ˈno perke non ˈaj ne’anjke ʊŋ *sɔldo* di ’dɔtɛ || la *bœrea* | pun’ta sul ’vivɔ | si ’mizə a so’ﬁjaɾe koɲ’ toute le ʃuɾe ˈforfsteen || so’ﬁjo per ’tɛ ’dʒɔrnɪ | e ne’vik’o *fiṫto ɾiţto* || ’kwɔnd ʰeb’ne ʰfinito di ’stɛndɛre il suo a’dʒɛnto
intorno | 'disce || 'ekotì la mjà 'dòte | 'tu kë džëvëk ñonì | 'fë l ' | ç ìn'à | a ripò'sarsì delà fà'tìka | il fa'veño skró'lo | he 'spålë | e sì 'mìzë sà sof'jàrë 'lùi | la kan'pàpà e i 'mòntì ñèsta'rùnon sòto ñù | 'fjato 'ka'lëdò ke 'isì'sì fìn l 'últìmo f'jìkò | di 'nëvë | la 'borrà | ripò'satasi per 'bëme | víde ke 'dèla 'dòte non ñèsta'và 'pìu 'nùla | òò nì 'àndàta 'tutta la twà 'dòte | la kànt'sòna il fa'veño | in'soma | mi 'nùwòj aŋ'kòra per mà'ríto | la 'borrà 'là ri'sposé | 'no | nonì 'vòrëj 'màj 'èssëre twà 'spòza | perke 'nì un 'dʒòrno 'sèj kàpàtì | di màndàrmi mì 'fùmò 'tutta la 'dòte ||

FI

NOTE. One may characterise the FI transcription below as somehow mesolectic, as compared with MI (but see also RI). This will show how FI may diverge from SI, despite being so close to it. It should be noted that the lenition process affecting intervocalic voiceless stops (unless they undergo gemination as a consequence of ‘raddoppiamento’) is fairly categoric for /k/ → [h], less so for /p t/ → [θ Ø]. Consider, for instance, [dòtè] (line 6), as opposed to [dɔθè] (lines 4 and 12). In a few other cases our recording does not present lenition, but we marked it in the transcription to suggest that it would be perfectly legitimate (cf. fimìt[Ø], line 5, fa[tìca], line 7, [t]u, line 11). By contrast, we chose not to mark the similar lenition process affecting intervocalic voiced stops, because it seems to be even less consistent. The reader should be aware, however, that intervocalic non-geminated [b d g] may alternate with their free variants [β δ γ] (Giannelli 2000: 29). We have also indicated in parenthesis some elision processes that seem to be fairly typical of this variety, even in non-allegro style (Agostiniani 1989). In the recording of our sample passage, however, our informant did not always apply this process: he read, e.g., [nonì 'vòrëj 'màj 'èssëre] (line 11). We have also indicated in square brackets two cases of obligatory insertion (limited to this variety) of the article before the possessive adjective. Note, finally, that since our speaker belongs to the younger generation, he had [z] instead of [s] in the same words where this occurs in SI-allegro style: ripò[z]arsi, line 7, ripo[z]atasi, line 9, and rispo[z]e, line 11.

Other phonological processes (not reflected in the transcription below) are typical for Florentine speech at a more basilectal level. Most notably, a sandhi assimilation process affecting final /l/ in the det.m.sg. article il (also when fused with prepositions). For instance: il favonio → i[f:j]avonio, dal favonio → da[ij]:avonio, sul vivo su[ij]:ivo. Equally, in the basilect we find the following (morphologically conditioned) assimilations concerning [r] in coda position: per tre [pe 'tre], per marito [pe mà'ríθò], mandarmi [maŋ'dàmi], riposarsi [riŋ'fɔ'asì].

la 'borrà e il fa'veño || una 'vòlta | a la 'borrà 'vene 'vɔ:ia di 'prënder mà'ríò | aŋ'dò dal fa'veño e 'ìj 'dìsè || 'vɔ:n(Ø) e'ser(e) [i]mì(Ø) 'spòzò || il fa'veño 'zë(a) un 'jìfo a'tåka'taŋ(a) (j) hwàttînni | e ke 'dònë non ì aŋ'dàvan(o) a 'd泽mì | le 'dìsè || 'no | perke non aŋ 'næšì(Ø) un 'sòlldò di 'dèche || la 'borrà 'pìnta sul vivò | sì 'mìzì(e) a sof'jàrë hòtë tùte le 'sur(Ø) 'fòrìse || sof'jà pìer 'tre 'dʒòrni | e nevì:hì 'fìtto 'fìto || 'kwànd(Ø) e'bè fìnìtëo di 'stënder(e) il su(Ø) a'rèmënto (i)n'torno | 'dìsè || 'kìpòli la 'mì(a) 'dòtë | 'tu kë dëjëvi he nonì | 'fë l ' | e aŋ'dò a ripò'sarsì delà fà'tìha || il fa'veño skrò'lo | he 'spålë | e sì 'mìzë a sof'jàrë 'lùì || la ham'pàpà e i 'mòntì ñèsta'rùnon sòt(o) un 'fjàto 'hàldò he jëlsì fìn l 'últìmo f'jìkò | di 'nëvë || la 'borrà || ripò'satasi per 'bëme | víde he 'dèla 'dòte non ñèsta'và 'pìu 'nùla | òò nì 'àndàta 'tutta la 'thù(a) 'dòče || la haŋ'zònì il fa'veño || in'soma | mi 'nùwòj aŋ'kòra per mà'ríò || la 'borrà 'là ri'sposé | 'no | nonì 'vòrëj 'màj 'èssëre [la], 'thù(a) 'spòza | perke (ì)n un 'dʒòrno 'sè(j) hà'fàjì:ë di màndàrmi mì 'fùmò 'tutta la 'dòtë ||
RI

NOTE. Also in this case, our transcription abstracts away from performance idiosyncrasies. Thus, we regularly transcribed intervocalic stop lenition, characteristic of RI connected speech, although our informant did not consistently apply it in the sample passage. Suppression of the process is particularly likely to occur in utterance-final position: e.g. [maɲdarmi ūm ˈtuːma ˈtuta la ˈdɔtɛ] (line 12). Although we marked this process only on stops, it may also affect voiceless fricatives. In our sample recording, we found the following pronunciations: [e le swe ˈɣɔrtse] (line 4), [ripoˈzaðasi per ˈbeːne] (line 7). Note that SI [k] occurs in our recording, instead of expected RI [ʒ], in e.g. [ˈvɔʃa] (line 1). Conversely, our transcription does not reflect a markedly basilectal process, which our informant sometimes applied, consisting in the deletion of /d/ in the preposition /di/: [ˈseʃi ˈɡaˈbaʃe i maɲdarmi ūm ˈtuːmo] (line 12).

la ˈboːrea e il faˈvɔnjo
una ˈvolta | ala ˈboːrea ˈvone ˈvoja di ˈprendeɾe mɑɾiˈʃo || ţoŋ ˈdela faˈvɔnjo e jiˈdise || ˈvvoiˈesere mojo ˈsposal || il faˈvɔnjo ˈɛra un ˈtiːbo ataˈkaːdo ai ˈɡwaˈtrini |
e le ˈdɔnecom non ji aŋˈdɔvano a ˈdʒɛmio || le ˈdise || ˈno || perke non aˈi neˈaŋke un ˈsɔldo
di ˈdɔtɛ || la ˈboːrea ˈhʊta sul ˈvivo || siˈmÌe ˈsoʃˈjare kʊŋ tutte le ˈseʃe ˈfortse || ˈsoʃjo
per tre ˈdʒɔrnì || e ˈneviɡoˈʃito ˈʃiˈtʊ || ˈkwānɔˈebe ˈʃiˈnìtɔ di ˈʃɛndɛre il ˈʃuɾo ˈarˈdɛnto
iŋˈtorno || ˈdise || ˈekkɔdɪ la ˈmja ˈdɔʃe || tu ke diˈʃɛvi ke non ˈʃi lˈɔ || e aŋˈdɔ
a ripoˈzaʃi dala ˈfjoˈdja || il faˈvɔnjo skrɔˈtɔl ke ˈspalɛ || e siˈmÌe ˈsoʃˈjare ˈluˈi ||
la ˈɡamˈpapa e i ˈmɔnti ɾeʃtaron soˈtto un ˈʃjaˈdɔ ˈɡalðo ke ˈʃoʃe finˈa ˈlʊmɪtʊ ˈʃjɔkɔ
di ˈneve || la ˈboːrea || ˈriˈpoʃasɪ per ˈbeːne || ˈviˈde ke ˈdela ˈdɔʃe no ɾeʃtaˈva ˈʃʊj
ˈnulo || doˈv e aŋˈdɔda ˈduta la ˈdwa ˈdɔʃe || la ˈɡanʃosn ɪl faˈvɔnjo || ɪnˈsɔma || mi ˈvvoi
aŋˈkoɾa per mɑɾiˈʃo || la ˈboːrea jiˈrispoˈse || ˈno || ˈnoŋ ˈvɔɾeʃ iˈmajˈesere ˈdwa
ˈsposal || perke in un ˈdʒɔrno ˈseʃi ˈɡaˈbaʃe di maɲˈdarmi ūm ˈtuːmo ˈtuta la ˈdɔtɛ |

MI

NOTE. Also in this case, we did not stick to performance idiosyncrasies. In fact, our speaker did not always produce a velar nasal in coda position; accordingly, she had [non ˈʃi lˈɔ], line 6, [fin ˈuˈtɪmimo], line 8, and [ˈnoŋ ɾeʃtaˈva], line 9. Likewise, she uttered SI [ˈɛra] (line 2) for MI [ˈɛra]. In addition, she pronounced [ˈvvoiˈesere] (line 2) alongside [ˈvvoi aŋˈkoɾa] (lines 10–11), possibly as a result of partial destressing. At a more general level, it should be observed that germinate consonants are less prominent in the Northern varieties of Italian than in SI or in Central and Southern varieties, and are indeed absent in the basilect. Although our MI speaker produced gemination, it is altogether less salient than in the remaining recordings. Note, finally, that MI /e/, and even more /ɛ/, are slightly lowered, although we did not mark this detail in the transcription.

la ˈboːrea e il faˈvɔnjo
una ˈvolta | ala ˈboːrea ˈvone ˈvoxa di ˈprendeɾe mɑɾiˈʃo || ţoŋ ˈdela faˈvɔnjo e ʃiˈdise ||
ˈvvoiˈesere ˈmiɾo ˈsposal || il faˈvɔnjo ˈɛra un ˈtiːbo ataˈkaːto aŋ ˈkwɔtrini |
e le ˈdɔnecom non ˈʃi aŋˈdɔvano a ˈdʒɛmio || le ˈdise || ˈno || perke non ˈʃi neˈaŋke un ˈsɔldo
di ˈdɔtɛ || la ˈboːrea ˈpʊnta sul ˈvivo || ˈsiˈmÌe ˈsoʃˈjare kʊŋ tutte le ˈseʃe ˈfortse || ˈsoʃjo
per tre ˈdʒɔrnì || e ˈneviˈkʊˈʃito ˈʃiˈtʊ || ˈkwānɔˈebe ˈʃiˈnìtɔ di ˈʃɛndɛre il ˈʃuɾo ˈarˈdɛnto
iŋˈtorno || ˈdise || ˈekkɔtɪ la ˈmiˈa ˈdɔtɛ || tu ke diˈʃɛvi ke ˈnoŋ ˈʃi lˈɔ || e aŋˈdɔ
a ripoˈzaʃi dala ˈfatikə || il faˈvɔnjo skrɔˈtɔl ke ˈspalɛ || e siˈmÌe ˈsoʃˈjare ˈluˈi ||
la ˈkampˈpapa e i ˈmɔnti ɾeʃtaron soˈtto un ˈʃjaˈdɔ ˈɡalðo ke ˈʃoʃe finˈa ˈlʊmɪtʊ ˈʃjɔkɔ
di ˈneve || la ˈboːrea || ˈriˈpoʃasɪ per ˈbeːne || ˈviˈde ke ˈdela ˈdɔtɛ noʃ ɾeʃtaˈva ˈʃʊj
ˈnulo || doˈv e aŋˈdɔda ˈduta la ˈtʊra ˈdɔtɛ || la ˈkæŋʃon ɪl faˈvɔnjo || ɪnˈsɔma || mi ˈvvoi
aŋˈkoɾa per mɑɾiˈʃo || la ˈboːrea ʃiˈrispoˈse || ˈno || ˈnoŋ ˈvɔɾeʃ iˈmajˈesere ˈtʊra
ˈsposal || perke in un ˈdʒɔrno ˈseʃi ˈkɑpˈʃeʃe di maɲˈdarmi ūm ˈfumo ˈtuta la ˈdɔtɛ ||
Orthographic version

NOTE. The text stems, with a few modifications, from the Collection *Fiabe Italiane*, edited by Italo Calvino. Essentially, it is a variant of the famous ‘North wind and South wind’ story. In one case we present an alternative between parenthesis; both versions are grammatical, and indeed our speakers used them both, as shown in the above transcriptions.

La Borea e il Favonio

Una volta alla Borea venne voglia di prender marito. Andò dal Favonio e gli disse: – Vuoi essere il mio sposo? Il Favonio era un tipo attaccato ai quattrini e le donne non gli andavano a genio. Le disse: – No, perché non hai neanche un soldo di dote. La Borea, punta sul vivo, si mise a soffiare con tutte le sue forze. Soffiò per tre giorni, e nevicò fitto fitto. Quando ebbe finito di stendere il suo argento intorno, disse: – Eccoti la mia dote, tu che dicevi che non ce l’ho! – e andò a riposarsi della (dalla) fatica. Il Favonio scrollò le spalle, e si mise a soffiare lui. La campagna e i monti restarono sotto un fiato caldo che sciolse fin l’ultimo fiocco di neve. La Borea, riposatasi per bene, vide che della dote non restava più nulla. – Dov’è andata tutta la tua dote? – la canzonò il Favonio. – Insomma, mi vuoi ancora per marito? La Borea gli rispose: – No, non vorrei mai essere tua sposa, perché in un giorno sei capace di mandarmi in fumo tutta la dote.

Translation

Boreas and Favonius

Once upon a time Boreas [the North Wind] felt like getting married. She went up to Favonius [the West Wind] and asked him, ‘Would you like to be my husband?’ Favonius was a stingy fellow and did not like women. He told her ‘No, because you do not have a penny for your dowry.’ Boreas, pierced to the quick, began to blow with all her might. She blew for three days, and it snowed heavily. As soon as she stopped spreading her silver all around, she said, ‘Here is my dowry, you who said that I do not have any!’ and she went to rest from her labor. Favonius shrugged, and he himself started to blow. The countryside and the mountains were caught under a warm breath that melted every last snowflake. Boreas, once she had completely recovered, saw that nothing was left of her dowry. ‘Where has all your dowry gone?’ Favonius mocked her. ‘So, do you still want me as a husband?’ Boreas replied: ‘No, I would never be your wife, because in a day you can send all my dowry up in smoke.’

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References


