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# Varroniamus, a <br> CRITICAL AND HISTORICAL IN'TRODUCTION <br> <br> THE LATIN LANGUAGE. 

 <br> <br> THE LATIN LANGUAGE.}

BY THE

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Licet omnia Italica pro Romanis habeam.
Quintil

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## CONNOP THIRLWALL, D.D.

LORD BISHOP OF ST. DAVIDS, PRESIDENT OF THE PHILOLOGICAL SOCIETY, ETC. ETC.

MY LORD,
If I had only public reasons for prefixing your Lordship's name to this work, I should not have much difficulty in justifying my dedication. Your position in the first rank of English scholars, your profound and original researches in the highest departments of philology, and, above all, the share which you have had in rendering the great work of Niebuhr accessible to the English student, might well exact such a tribute of respect from any labourer in the same field. But while I express the admiration which I have always felt for your genius and learning, I wish also to take this opportunity of recording some of the most pleasing recollections connected with my residence within the walls of Trinity College, Cambridge. There is no period of that residence to which I do not revert with affection and gratitude, and my warmest acknowledgments are due to many whom I had the happiness to know there. But of all the advantages which I enjoyed at Cambridge, there is no one which I estimate more highly than this - that I was among those who were permitted, some ten or twelve years ago, to attend the crowded lecture-room in which your Lordship first taught the students of the College to understand and appreciate the philo-
sophy of Aristotle. These lectures, combined with the influence which your Lordship possessed among the more intellectual and cultivated members of the College, produced a normal effect of the utmost importance, by which many have benefited. My own share in this benefit I would gladly acknowledge; and I am sure I cannot prize too highly the opportunity by which I was allowed to profit. The philological student travels along a road with many turnings which all end in nothing, or worse; and he has great reason to be thankful, if, at an early part of his career, he meets with a guide who is both willing and able to point out to bim the straight and steep and narrow road which leads to the temple of truth. My personal acquaintance with your Lordship has been inconsiderable; but, though I may regret this circumstance on my own account, it will not, I conceive, detract from this testimony to the merits and efficacy of your public teaching.

In this spirit, and writing as a philologer to a philologer, I have presumed to request your acceptance of the present work; and I cannot form a more ambitious hope, than that it may succeed in obtaining your Lordship's approbation.

> I have the honour to be,
> My Lord, Your Lordslip's faithful servant,
J. W. DONALDSON.

## PREFACE.

No person who is conversant with the subject will venture to assert that Latin scholarship is at present flourishing in England. On the contrary, it must be admitted that, while we have lost that practical familiarity with the Latin language which was possessed some forty years ago by every Englishman with any pretensions to scholarship, we have not supplied the deficiency by making ourselves acquainted with the results of modern philology, so far as they have been brought to bear upon the language and literature of ancient Rome. The same impulse which has increased and extended our knowledge of Greek has checked and impoverished our Latinity. The discovery that the Greek is, after all, an easier language than the Latin, and that it may be learned without the aid of its sister idiom, while it has certainly enabled many to penetrate into the arcana of Greek criticism who must otherwise have stopt at the threshold, has at the same time prevented many from
facing the difficulties which surround the less attractive literature of Rome, and, by removing one reason for learning Latin, has induced the student to overlook the other and higher considerations which must always confer upon this language its value, its importance, and its dignity.

A return to the Latin scholarship of our ancestors can only be effected by a revival of certain old-fashioned methods and usages, which bave been abandoned, perhaps more hastily than wisely, in favour of new habits and new theories. No arguments can make it fashionable for scholars to clothe their thoughts in a classic garb: example will do more than precept; and when some English philologer of sufficient authority shall acquire and exert the faculty of writing Latin with terse and simple elegance, he will not want imitators and followers. With regard, however, to our ignorance of modern Latin philology, it must be owned that our younger students have at least one excuse-namely, that they have no manual of instruction; no means of learning what has been done and is still doing in the higher departments of Italian philology; and if we may judge from the want of information on these subjects which is so frequently conspicuous in the works of our learned authors, our literary travellers, and our classical commentators, this deficiency is deeply
rooted, and has been long and sensibly felt. Even those among us who have access to the stores of German literature, would seek in vain for a single book which might serve as the groundwork of their studies in this department. The most comprehensive Roman histories, and the most elaborate Latin grammars, do not satisfy the curiosity of the inquisitive student; and though there is already before the world a great mass of materials, these are scattered through the voluminous works of German and Italian scholars, and are, therefore, of little use to him who is not prepared to select for himself what is really valuable, and to throw aside the crude speculations and vague conjectures by which such researches are too often encumbered and deformed.

These considerations, and the advice of some friends, who have supposed that I might not be unprepared for such an office, have induced me to undertake the work which is now presented to the English student. How far I have accomplished my design must be left to the judgment of others. It has been my wish to produce, within as short a compass as possible, a complete and systematic treatise on the origin of the Romans, and the structure and affinities of their language, -a work which, while it might be practically useful to the intelligent and educated traveller in

Italy, no less than to the reader of Niebuhr and Arnold, might at the same time furnish a few specimens and samples of those deeper researches, the full prosecution of which is reserved for a chosen few.
.The most cursory inspection of the table of contents will shew what is the plan of the book, and what information it professes to give. Most earnestly do I hope that it may contribute in some degree to awaken among my countrymen a more thoughtful and manly spirit of Latin philology. In proportion as it effects this object, I shall feel myself excused in having thus ventured to commit to a distant press a work necessarily composed amid the distractions and interruptions of a laborious and engrossing profession.
J. W. D.

The School Hall, Bury St. Edmunds, 25th March, 1844.

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## VARRONIANUS.

## CHAPTER I.

## THE OLD ITALIAN TRIBES CONSIDERED AS RELATED TO EACH OTHER.

§ 1. Elements of the population of Rome. § 2. The Latins-a composite tribe. § 3. The Oscans, \&c. § 4. Alba and Lavinium. § 5. The SA-bines-how related to the Umbrians and Oscans. § 6. The Umbrians —their ancient greatness. §7. Reduced to insignificance by Pelasgian invaders. §8. The Pelasgians-the differences of their position in Italy and Greece respectively. § 9. They preserve their national integrity in Etruria. § 10. The Etruscans - the theory of Lepsius, respecting their Pelasgian origin, adopted and confirmed. §11. Meaning and ethnical extent of the name " Tyrrhenian." § 12. "Rasena" only a corruption of the original form of this name. § 13. The Etruscan language -a mixture of Pelasgian and Umbrian, the latter prevailing more in the country, the former in the towns. §14. The Pelasgian origin of the Etruscans further confirmed by the traditionary history of the Luceres. § 15. Conclusion.

The sum of all that is known of the earliest history of Rome is comprised in the following enumeration of particulars. A tribe of Latin origin, more or less connected with Alba, settled on the Palatine hill, and in the process of time united itself, by the right of intermarriage and other ties, with a band of Sabine warriors, who had taken up their abode on the Quirinal and Capitoline hills. These two towns admitted into fellowship with themselves a third community, established on the Cælian and Esquiline hills,
which seems to have consisted of Pelasgians, either from the Solonian plain, lying between Rome and Lavinium, or from the opposite side of the river near Cære; and the whole body became one city, governed by a king, or magister populi, and a senate; the latter being the representatives of the three original elements of the state, - the Latin or Oscan Ramnes, the Sabine Titienses or Quirites, and the Pelasgian Luceres. It appears, moreover, that the Etruscans, on the other side of the Tiber, eventually influenced the destinies of Rome in no slight degree, and the last three kings mentioned in the legendary traditions were of Etruscan origin. In other words, Rome was, during the period referred to by their reigns, subjected to a powerful Etruscan dynasty, from the tyranny of which it had, on two occasions, the good fortune to escape. What Servius planned was for the most part carried into effect by the consular constitution, which followed the expulsion of the last Tarquinius.

As these facts are established by satisfactory evidence, and as we have nothing else on which we can depend with certainty, it follows that in order to investigate the ethnical affinities of the Roman people, and the origin and growth of their language, we must in the first instance inquire who were the Latins, the Sabines, the Pelasgians, and the Etruscans, and what were their relations one with another. After this we shall be able with greater accuracy to examine their respective connexions with the several elements in the original population of Europe.

## THE LATINS.

§2. The investigations of Niebuhr and others have made it sufficiently certain that the Pelasgians formed a very important element in the population of ancient Latium. This appears not merely from the primitive traditions, but

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-sun-icus. The labial is absorbed in Oscus and $A v \approx \sigma \omega v$, and the $s$ has become $r$, according to the regular process, in Auruncus. ${ }^{1}$

These aboriginal tribes, having been in the first instance, like the Arcadians in the Peloponnese, driven by their invaders, the Pelasgians, into the mountain fastnesses of the Apennines, at length descended from the interior on both sides, and conquered the people of the plains and the coast. One tribe, the Ap-uli, subdued the Daunians and other tribes settled in the south-east, and gave their name to the country; they also extended themselves to the west, and became masters of the country from the bay of Terracina upwards to the Tiber. In this district they bore the well-known names of Volsci (=Apulisici) and Aqui (comp. í $\pi \pi \pi o s, ~ e q u u s, \& c$. ), names still connected with the primary designation of the aborigines.

A more important invasion was that which was occasioned by the pressure of the Sabines on an Oscan people settled in the mountains between Reate and the Fucine lake. These invaders came down the Anio, and conquered the Pelasgians of northern Latium. Their chief seat in the conquered country seems to have been Alba, the Alpine or mountain city, where they dwelt under the name of Prisci Latini, " ancient Latins;" being also called Casci, a name which denotes " ancient" or " well-born," and which, like the connected Greek term $\chi$ aol, implies that they were a nation of warriors ( $N$. Crat. p. 402).
§ 4. Alba and Lavinium.

The district of Latium, when history first speaks of it, was thus occupied by two races; one a mixed people of Oscan conquerors living in the midst of the Pelasgians whom they had subdued, the other a Pelasgian nation not yet conquered by the invaders. These two nations

[^0]formed at first two distinct confederacies: of the former $A l b a$ was the head, while the place of congress for the latter was Lavinium. At the latter place, the Penates, or old Pelasgian Cabeiri, were worshipped; and even after the Pelasgian league was broken up by the power of Alba, and when Alba became the capital of the united nation of the Latins and sent a colony to Lavinium, the religious sanctity of the place was still maintained, the Penates were still worshipped there, and deputies still met in the temple of Venus. The influence of Alba was, however, so great, that even after its fall, when the Pelasgian Latins partially recovered their independence, there remained a large admixture of foreign elements in the whole population of Latium, and that which was purely Pelasgian in their character and institutions became gradually less and less perceptible, till nothing remained on the south of the Tiber which could claim exemption from the predominating influence of the Oscans.

That the name Lavinium is only a dialectical variety of Latinium has long been admitted. The original form of the name Latinus, which afterwards furnished a denomination for the language of the civilised world, was Latvinus; and while the Pelasgian Latins preserved the labial only, the mixed people retained only the dental. The same has been the case in the Pelasgian forms, liber, libra, bis, ruber, $\& \mathrm{c}$., compared with their Hellenic equivalents, $\mathfrak{\epsilon}-\lambda \epsilon \dot{v} \theta \epsilon \rho o s$, $\lambda i \tau \rho a, \delta i s$, é- $\rho u \theta \rho o ́ s, \& c$.

## THE SABINES.

It has been mentioned that the Sabines dispossessed the Oscans, and compelled them to invade Latium. Our next point is, therefore, to consider the relation in which the Sabines stood to the circumjacent tribes.

The original abode of these Sabines was, according to

Cato, ${ }^{1}$ about Amiternum, in the higher Apennines. Issuing from this lofty region, they drove the Umbrians before them on one side and the Oscans on the other, and so took possession of the district which for so many years was known by their name.

It will not be necessary in this place to point out the successive steps by which the Sabine colonies made themselves masters of the whole south and east of Italy, nor to shew how they settled on two of the hills of Rome. It is clear, on every account, that they were not Pelasgians; and our principal object is to inquire how they stood related to the Umbrians and Oscans, on whom they more immediately pressed.

Niebuhr thinks it not improbable that the Sabines and Oscans were only branches of one stock, and mentions many reasons for supposing so. ${ }^{2}$ It appears, however, that there are still stronger reasons for concluding that the Sabines were an offshoot of the Umbrian race. This is established not only by the testimony of Zenodotus of Trœzen, ${ }^{3}$ who wrote upon the Umbrians, but also by the resemblances of the Sabine and Umbrian languages. ${ }^{4}$ It is true that this last remark may be made also with regard to the Sabine and Oscan idioms; for many words which are quoted as Sabine are likewise Oscan. ${ }^{5}$ The most plausible theory is, that the Sabines were Umbrians, who were separated from the rest of their nation, and driven into the high Apennines, by the Pelasgians of the north-east ; but that, after an interval, they in their turn assumed an offensive position, and descending from their highlands, under the name of Sabini, or " worshippers of Sabus the son of Sancus," ${ }^{6}$ attacked their Umbrian brethren on the one

[^1]side, and the Oscan Latins on the other. At length, however, they sent out so many colonies to the south, among the Oscan nations, that their Umbrian affinities were almost forgotten; and the Sabellian tribes, especially the Samnites, were regarded as members of the Oscan family, from having adopted to a considerable extent the language of the conquered tribes among whom they dwelt.

The Umbrians are always mentioned as one of the most ancient nations of Italy. ${ }^{1}$ Though restricted in the
§ 6. The Umbrians - their ancient greatness. in ancient times they occupied the entire northern half of the peninsula, from the Tiber to the Po. Their name, according to the Greek etymology, implied that they had existed before the great rain-floods which had destroyed many an earlier race of men. ${ }^{2}$ Cato said that their city Ameria was founded 381 years before Rome. ${ }^{3}$ All that we read about them implies that they were a great, a genuine, and an ancient nation. ${ }^{4}$ There are distinct traditions to prove that the country, afterwards called Etruria, was originally in the occupation of the Umbrians. The name of the primitive occupants of that country was preserved by the Tuscan river Umbro, and the tract of land through which it flowed into the sea was to the last called

Tables. Indeed, both sabus and sancus, in the old langaages of Italy, signified "sacred" or "revered," and were probably epithets regularly applied to the deity. In the Eugubine Tables we have the word sev-um, meaning "reverently" (i. a. 5) ; and Sansius is an epithet of the god Fisus, or Fisovius (vi. b. 3, 5). Comp. the Latin sev-erus ( $\sigma \epsilon \in \beta-\omega$ ), and sanctus. According to this, the name Sabini is nearly equivalent to Sacrani. The Tables also mention the picus Martius of the Sabines, from which the Piceni derived their name (piquier Martier, v. b. 9, 14) ; comp. Strabo, v. p. 240.
${ }^{1}$ Niebuhr, i. note 430.
${ }^{2}$ See Plin. H. N. iii. 19: " Umbrorum gens antiquissima Italiæ existimatur, ut quos Ombrios a Græcis putent dictos, quod inundatione terrarum imbribus superfuissent:" and compare, for the idea, Psalm xxix. 10.
${ }^{3}$ Pliny, iii. 14, 19.
${ }^{4}$ Florus, i. 17. Dionys. i. 19.

Umbria. ${ }^{1}$ It is expressly stated that Cortona was once Umbrian; ${ }^{2}$ and Camers, the ancient name of Clusium, ${ }^{3}$ points at once to the Camertes, a great Umbrian tribe. ${ }^{4}$ It is certain also that the Umbrians occupied Picenum, till they were expelled from that region by their brethren the Sabines. ${ }^{5}$

Since history, then, exhibits this once great nation expelled from the best part of its original possessions, driven beyond the Apennines, deprived of all natural barriers to the north, and reduced to insignificance, we are led at once to inquire into the cause of this phenomenon. Livy speaks of the Umbrians as dependent allies of the Tuscans; ${ }^{6}$ and Strabo tells us that the Etruscans and Umbrians maintained a stubborn contest for the possession of the district between the Apennines and the mouth of the Po. ${ }^{7}$ The people which thus ruled and strove with them in the latter period of their history, when they were living within the circumscribed limits of their ultimate possessions, was that which deprived them of a national existence within the fairest portion of their originally wide domains.

There can be no doubt that the Umbrians were invaded and conquered by a stream of Tyrrhenian Pelasgians from the north-east. Before we proceed to shew how these invaders, combined with the conquered Umbrians, made up the great Etrurian nation, it will be convenient to examine generally the course of the Pelasgian invasion of Italy.
${ }^{1}$ Pliny, iii. 5 (8).
${ }^{3}$ Liv. x. 25.
${ }^{5}$ Pliny, iii. 13, 14.
7 P. 216.
${ }^{2}$ Dionys. i. 20.
4 Liv. ix. 36.
${ }^{6}$ In books ix. and $x$.

## THE PELASGIANS.

Without stopping to inquire at present who the Pelasgians were out of Italy, let us take them up where they first make their appearance at the mouth of the Po. We find that they started from this district, and having crossed the Apennines, wrested from the Umbrians the great city Camers, from whence they carried on war all around. Continually pressing towards the south, and, as they advanced, conquering the indigenous tribes, or driving them up into the highlands, they eventually made themselves masters of all the level plains and of the coasts. Though afterwards, as we have seen, invaded in their turn, and in part conquered by the Oscan aborigines, they were for a long time in possession of Latium; and, under the widely diffused name of EEnotrians, they held all the south of Italy, till they were conquered or dispossessed by the spread of the great Sabellian race.

To these Pelasgians were due the most important elements in the ancient civilisation of Italy. It was not their destiny to be exposed throughout their settlements, like their brethren in Greece, to the overruling influence of ruder and more warlike tribes. This was to a certain extent the case in the south; where they were not only overborne by the power of their Sabellian conquerors, but also Hellenised by the Greek colonies which were at an early period established among them. But in Etruria and Latium the Pelasgian nationality was never extinguished: even among the Latins it survived the severest shocks of Oscan invasion. In Etruria it remained to the end the one prevailing characteristic of the people; and Rome herself, though she owed her military greatness to the Sabellian ingredient in her composition, was, to the days of her decline, Pelasgian in all the essentials of her language, her religion, and her law.
§ 9. It is easy to see why the Pelasgians retained their national integrity on the north-western coast so much more perfectly than in the south and east. It was because they entered Etruria in a body, and established there the bulk of their nation. All their other settlements were of the nature of colonies; and the density of the population, and its proportion to the number of the conquered mingled with it, varied, of course inversely, with the distance from the main body of the people. In Etruria the Pelasgians were most thickly settled, and next to Etruria in Latium. Consequently, while the Etruscans retained their conquest, and compelled the Sabines, the most vigorous of the dispossessed Umbrians, to direct their energies southwards, and while the Latins were only partially reconquered by the aboriginal tribes, the Pelasgians of the south resigned their national existence, and were merged in the concourse of Sabellian conquerors and Greek colonists.

We have here presumed that the Etruscans were Pelasgians mixed with conquered Umbrians. The next step is to prove this.

## THE ETRUSCANS.

§ 10. The Etruscans - theory of Lepsius, respecting their Pelasgian origin, adopted and confirmed.

To determine the origin of the Etruscans, and the nature of their language, has for many years been considered the most difficult problem in philology. This enigma, however, seems at last to have been solved by Dr. Richard Lepsius, -a worthy pupil of James Grimm and Ottfried Müller, -who has advanced many satisfactory reasons in favour of his hypothesis, that the Etruscans were after all only Tyrrhenians, or Pelasgians, who, invading Italy from the north-east, conquered the Umbrians, and took possession of the western part of the district formerly occupied by that people, but could not protect their own language from the modifying influences of the cognate

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gian tower-builders. The word $\tau \dot{\prime} \rho \dot{\rho} \iota \varsigma$ or $\tau \dot{\nu} \rho \sigma \iota \varsigma$, which occurs in Pindar as the name of the great palace of the primeval god Saturn, ${ }^{1}$ is identical with the Latin turris; and the fact, that the Pelasgians derived their distinguishing epithet from this word, is remarkable, not only as shewing the affinity between the Greek and Latin languages on the one hand, and the Pelasgian in Etruria on the other hand, but also because these colossal structures are always found wherever the Pelasgians make their appearance in Greece. Fortresses in Pelasgian countries received their designation as often from these $\tau \dot{v} \rho \sigma \epsilon \iota \rho$ as from the name Larissa, which seems to signify the abode of the lars or prince. Thus the old Pelasgian Argos had two citadels or $\dot{a} \kappa \rho о \pi o ́ \lambda \epsilon \iota \varsigma$, the one called the Larissa, the other $\tau$ ò ä $\rho$ ros, i.e. the arx. ${ }^{2}$ In the neighbourhood, however, was the city Tiryns, which is still remarkable for its gigantic cyclopean remains, and in the name of which we may recognise the word $\tau \dot{u} \rho \dot{\rho} \rho \iota ;^{3}$ and not much further on the other side was Thyrea, which Pausanias connects with the fortified city Thyraon, ${ }^{4}$ in the middle of Pelasgian Arcadia; and further south we have the Messenian Thuria, and Thyrides at the foot of Tænaron. Then again, in the northern abodes of the Pelasgians, we find Tyrrheum, a

[^2]fortified place not far from the Pelasgian Dodona, and also a Tirida in Thrace. At no great distance from the Thessalian Larissa and Argissa lay the Macedonian Tyrissa, a name which reminds us of the Spanish Turissa in agro Tarraconensi; ${ }^{2}$ and the Tyrrhenica Tarraco, with its massive walls, ${ }^{3}$ is sufficient to establish the connexion of this latter place with the Tyrrhenians.

One proof of the Italian origin of the name Tyrrhenian may be deduced from the existence in Italy of the by-form Tursici; and Lepsius agrees with Müller in thinking that
 derived its name from its $\tau \dot{u} \dot{\rho} \rho \epsilon \epsilon \varsigma$, or Pelasgian walls. ${ }^{4}$ It appears to me that the original form of the word was rather tarch- or trach- (comp. $\tau \rho a \chi$ ús, $^{\prime} \& \mathrm{c}$.), ${ }^{5}$ and that the guttural was subsequently assibilated and softened into $s$, according to the regular process. The natural transition would be $\tau \rho a \chi-, \tau a \rho \chi-, \tau a \rho \sigma-$-, $\tau a \rho \rho-$. Consequently, the hero Tarchon is to be regarded as the real eponymus of the Tyrsenians,-Tyrrhenus, Torrhebus, Tiryns, and Thyreus, being only by-forms of the same name.

The most important part, however, of the investigations of Lepsius in this field is his proof of the nonexistence of the Rasence, whom Niebuhr and Müller agree in considering as the real Etruscans, or the non-Pelasgian conquerors of Etruria. He has shewn the utter inadmissibility of the reading $K \rho o ́ \tau \omega \nu a$ for $K \rho \eta \sigma \tau \bar{\omega} \nu a$, in the celebrated passage of Herodotus, ${ }^{6}$ on which Niebuhr and Müller have built

[^3]so much, and the absolute want of any historical proof that the Pelasgians in Etruria were ever interfered with, until the Gauls invaded the north of Italy. "We hear," he says (p. 22), " of only one Etruscan history. The annals and traditions of the Etruscans go back uninterruptedly to their Pelasgian origin: and can we conceive that their history or tradition should not have preserved some reminiscence of this radical change in the population of the country, if it had really taken place? It is quite unnecessary to prove, that all we hear of the Etruscan organisation, and of the art and science of this people, must refer
respecting the Tyrrhenians and Pelasgians; and his information, though much compressed, is still very valuable. He seems tacitly to draw a distinction between the Pelasgians and the Tyrrhenians. With regard to the former he relates the Lydian story (i. 94 : $\phi a \sigma l \delta \grave{\epsilon}$ aùvol $\Lambda v \delta o \iota$ ), that Atys, son of Manes, king of the Mæonians, had two sons, Lydus and Tyrrhenus. Lydus remained at home, and gave to the Mæonians the name of Lydians; whereas Tyrrhenus sailed to Umbria with a part of the population, and there founded the Tyrrhenian people. In general, Herodotus, when he speaks of the Tyrrhenians, is to be understood as referring to the Etruscans. Of the Pelasgians he says (i. 56, sqq.), that they formed one of the original elements of the population of Greece, the division into Dorians and Ionians corresponding to the opposition of Hellenes to Pelasgians. In the course of his travels he had met with pure Pelasgians in Placie and Scylace on the Hellespont, and also in Creston; and their language differed so far from the Greek that he did not scruple to call it barbarian (c. 57). At the same time he seems to have been convinced that the Hellenes owed their greatness to their coalition with these barbarous Pelasgians (c.58). The text of Herodotus is undoubtedly corrupt in this passage; but the meaning is clear from the context. He says, that " the Hellenes having been separated from the Pelasgians, being weak and starting from small beginnings, have increased in population, principally in consequence of the accession of the Pelasgians
 $\epsilon \theta \nu \epsilon \dot{\epsilon} \omega \nu \pi o \lambda \lambda \hat{\omega} \nu$ is manifestly wrong; not only because the position of the
 immediately follows. I cannot doubt that we ought to read, aüg
 $\beta \alpha \rho \omega \nu \sigma \nu \chi \nu \hat{\omega} \nu$. The epithet $\pi 0 \lambda \lambda \hat{\omega} \nu$ has crept into the text from a marginal explanation of $\sigma \nu \chi \nu \hat{\omega} \nu$, and $\tau \hat{\omega} \nu \bar{\epsilon} \theta \nu \epsilon \in \nu \nu \pi o \lambda \lambda \bar{\omega} \nu$ has consequently taken the place of the abbreviation $\tau \hat{\omega} \nu \Pi \Lambda \Gamma \hat{\omega} \nu[\Pi \Lambda \Lambda \hat{\omega} \nu]$ for $\tau \hat{\omega} \nu \Pi \epsilon \lambda \alpha \sigma \gamma \hat{\omega} \nu$.
to the Tyrrhenian Pelasgians, and not to the Rasence, a rude people from the Alps; that the cyclopean architecture, the famous signa Tuscanica, the musical skill, the monetary system, and even the writing of the Tuscans, is due to them; that in the Etruscan discipline, in the Etruscan science and literature, in a word, in their history and mythology, we have an inheritance left by Pelasgians, and not by barbarous Rasenæ. If so, how did it happen that, while the uncultivated northern conquerors exchanged their own nationality for these endowments of the subjugated Pelasgians, and even assumed their name-that of the Tyrrhenians - they nevertheless did not adopt their language, the original vehicle of all mental cultivation, but translated the thoughts of a foreign tribe into their own barbarous tongue? It seems to me useless to follow any further the consequences to which this hypothesis of a Rasenic conquest of the Pelasgic Tyrrhenians must necessarily lead: thus much will suffice to shew how utterly untenable it is." Lastly, we are indebted to this ingenious author for a confirmation of the happy conjecture by which Lanzi ${ }^{1}$ and Cramer ${ }^{2}$ had already removed the only difficulty that might seem to leave a doubt upon the subject. After observing that the name 'Par'́va occurs only in a single passage of Dionysius-that it is never mentioned before or after him, either as a name of the people, or as that of an Etruscan hero-and how incredible it is that the Roman writers, who so thoroughly investigated the subject, should have heard nothing of this name, or the tradition on which it rested, - he suggests the probability, that the text of Dionysius, ${ }^{3}$ which is often faulty, and

[^4]which in this very passage has $\Theta$ voбкóovs instead of Өov́бкоия, presents us with the erroneous reading 'Paбéva instead of Tapa $\sigma^{\prime} v a$ or Tap毸va; so that the difference between the native name of the Tuscans and that by which the Greeks and Romans knew them, consisted only in the substitution of $a$ for the Greek $v$ and the Roman $u$. As the Greeks called them Tu $\quad \sigma \eta v o i ́$ from the hero Tupoqvós, they named themselves Tarsence from the hero Tarsena. This change from the $u$ to the $a$ is seen in the words Taן $\bar{\omega} \nu \iota o v$, Tarquinii, and the Spanish Tarraco; possibly also Tarracinal (Anxur) in Latium, Tarrhe in Sardinia, and other words, may be considered as containing the same modified root. In this way, the hero Tapot́va becomes
 gend, ${ }^{2}$ and with the Tarchon of the Roman story, and is not such a solitary personage as the unknown ${ }^{\text {'Paféva. }}{ }^{3}$ language-a

The difficulty occasioned by the language of the Tuscans is removed by the consideration that it is a mixed



 трঠтov ò $\nu 0 \mu \alpha$ Sovot.
${ }^{1}$ According to Strabo, v. p. 254, T $\rho$ axiva was the earlier name of Tap $\rho a-$ кiva. Terracina is the later pronunciation, resulting perhaps from a wish to Latinise the name. Similarly, Veläri was converted into Volaterre.

2 The change from Tapoéva into Tupaŋvbs is analogous to the Greek
 $\Pi \nu \beta \rho \delta s$ ); a change which led Niebuhr into his strange error respecting the quantity of the word (see Macaulay, Lays of Ancient Rome, p. 44).

3 If it be objected, that the word Rasne (plur. Ra§nes) occurs in the great Perugian inscription (below, Chap. V.) ; in the first place it may be answered, that there is no evidence for identifying this with the ethnic designation of the Tuscans; and if this were necessary, still we might suppose that 'Pao'́va and Raśne were mutilations of Tapaóéva, analogous to the Tuscan $m i$ for esmi. As far, however, as I can conjecture the meaning of the word Rasne, it has nothing whatever to do with this ethnic name.
language - an interpenetration of the Pelasgian and Umbrian idioms. The Pelasgians of the Po invaded and $\begin{aligned} & \text { lasgian and } \\ & \text { Umbrian. }\end{aligned}$ conquered the Umbrians, who remained, however, in their own land in subjection to the Pelasgian aristocracy. Although the Umbrian language, therefore, was in the first instance thrown into the background, it could not be altogether suppressed, but, on the contrary, gradually exerted an influence on the language of the victors, which was the more sensibly felt, because the Pelasgians were separated from their own people, whereas the Umbrians spoke the language of the land and that of the surrounding countries. The Pelasgian invaders stood in the same relation to the Umbrians, as the Normans did to the Saxons after their conquest of England. In both cases a more highly civilised nation settled, as conquerors and with strong national attachments, among a less cultivated race. As the English language was formed by an union of the Norman with the Anglo-Saxon, so the Etruscan arose from the combination of the Pelasgian with the Umbrian. The process of amalgamation in the former case is well known. It did not take place at once. Gradually, however, the language of the conquered people resumed its place even in the cities. The characteristics of this mixed language, as it appeared in the towns, was a preponderating number of Norman words accommodated to the Saxon grammar, as far as it remained. The words were mutilated, lost their terminations, and were pronounced with the accent thrown back, like the Saxon words. The same was the case in Etruria. The Umbrians were perhaps even less cultivated in letters than the Anglo-Saxons, and the oldest written memorials were Pelasgian. But the old language of the country at length began to exert a modifying influence on the idiom of the conquerors. The accent was thrown back, after the Italian custom; the inflexions, no longer understood, were omitted; and a compound language sprung up, which we
must call no longer Pelasgian, but Etruscan. The Pelasgian element predominated, but was always more and more corrupted by the influence of the Umbrian admixture. The older the fragments of the language, the more Pelasgic are they; the later, the more Etruscan. There were some exceptions,-such, for instance, as Cære, which may have retained the Pelasgian language,-but these were only exceptions to the general rule. Lepsius supposes that the old Pelasgian language gave way to the new compound language at the time when the democratic party in Etruria, supported by the Romans, began to prevail over the Pelasgian aristocracy: this period commences with the fifth century в.c., and includes the downfal of Tarquinii, the Veientine wars, the rise of the Roman colonies (383), the conquest of Perusia (310), and the seditions of Volsinii. the country, the former in the towns.

As in England the country-people preserved their Saxon longer than the inhabitants of the towns, so it was in Etruria. This appears from the circumstance mentioned by Livy (x. 4) under the year b.c. 301, that some pretended shepherds were detected by a Roman general in Etruria, in consequence of their speaking the town language. The same author mentions (ix. 36), that, in the year b.c. 308, two men brought up at Cære were sent through the Ciminian forest to treat with the Camertians in Umbria. This implies that Umbrian country-people surrounded the Tuscan cities of Cære and Clusium (anciently called Camars); and the same fact is implied, with regard to Etruria in general, in the mention of Penesta by Dionysius (ix. 5), and in the agrestes Etruscorum cohortes of Livy (ix. 36).

The conclusion arrived at by Lepsius is, therefore, that the Etruscan language is a Pelasgian idiom, gradually destroyed by intermixture with the Umbrian; and he is convinced that this view will be confirmed by every increase of our knowledge with regard to the Etruscan. What

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Quirium to the privileges of citizenship, the Quirites naturally took rank above the subject Luceres, and the celsi Ramnes still remained at the head of the populus. According to one story, they compelled the Luceres to leave their stronghold and descend to the plain. ${ }^{1}$ It appears, too, that, together with the Cælian town, the Palatine Romans ruled over the possessions of the Luceres in the Solonian plain, which were called the Pectuscum Palati, or " breastwork of the Palatine." ${ }^{2}$ Now, it is distinctly said, that the Luceres were first raised to the full privileges of the other burgesses by the first Tarquinius, who both introduced them into the senate, and also gave them representatives among the ministers of religion. ${ }^{3}$ And who was this Lucius Tarquinius but a Lucumo or grandee from the Tuscan city Tarquinii, who settled at Rome, and was raised to the throne? Indeed, there seems to be but little reason to doubt that he was the Cæles Vivenna, ${ }^{4}$ whose friend and successor Mastarna appears under the name of Servius Tullius. ${ }^{5}$ The difference in the policy of the first and second of these Tuscan kings of Rome need not surprise us. Every scattered hint referring to this Tullius, or Mastarna, represents him as connected with that Pelasgian

[^5]branch of the Roman population which eventually furnished the greater part of the plebs; ${ }^{1}$ whereas Vivenna, or Tarquinius, was a patrician or Lucumo of the Tuscan city Tarquinii, and his prejudices were of course aristocratic, or rather, as was more fully developed in the case of the second Tarquinius, tyrannical; for only the absolute sovereign of a great nation could have accomplished the wonderful works which were achieved by this Tarquinian Lucumo. There is sufficient reason to believe that Rome stood high as a Tuscan town during the last years of its monarchal history. The Septimontium, if not the capital of southern Etruria, ${ }^{2}$ was at least the southern bulwark of the twelve cities, and extended its dominion over a large part of the Sabine territory. The fall of the regal power of Rome has been well ascribed to the downfal of Tarquinii and the rising predominance of Clusium. If Lars Porsena, when he conquered Rome, had really been anxious for the restoration of Superbus, he might easily have replaced him on the throne; but he was so far from doing this, that he did not even grant him an exsilium in his own dominions. The vanquished Lucumo of Rome took refuge, not at Clusium, but at Cumæ, ${ }^{3}$ with Porsena's great enemy Aristodemus, ${ }^{4}$ whom he made his heir, and who subsequently defeated and slew Aruns Porsena, when, with a Clusian army, he made war on Aricia, and endeavoured to found a Tuscan empire in Latium.

[^6]§15. This identification of the Etruscans with the TyrrhenoConclusion. Pelasgians enables us to come to a fixed conclusion on the subject of the old population of Italy, and the relations of the different tribes to one another. How they stood related to the Transpadane members of the great European family is a subsequent inquiry; but within the limits of Italy proper, we may now say, there were originally two branches of one great family, - the Umbrians, extending from the Po to the Tiber; and the Oscans, occupying the southern half of the peninsula. These nations were invaded by Pelasgians from the north-east. The main body of the invaders settled in Etruria, and established a permanent empire there, which the Umbrians could never throw off. Another great horde of Pelasgians settled in Latium, where they were afterwards partially conquered by the Oscans; and a mixed population of Pelasgians and Oscans extended to the very south of Italy. The Sabines, however, who were members of the great Umbrian family, returned from the hills, to which the Pelasgians had driven them, and pressed upon the other Umbrians, upon the Oscans, and upon those Latins who were a mixture of conquered Pelasgians and Oscan conquerors. The combination of a branch of these Sabines with a branch of the Latins settled on the Tiber constituted the first beginnings of that Roman people which, standing in the midst of all these races, eventually became a point of centralisation for them all.

## CHAPTER II.

THE FOREIGN AFFINITIES OF THE ANCIENT ITALIANS.
§ 1. Etymology of the word $\Pi \in \lambda a \sigma \gamma \delta s$. § 2. How the Pelasgians came into Europe. § 3. Thracians, Getæ, and Scythians. §4. Scythians and Medes. §5. Iranian origin of the Sarmatians, Scythians, and Getæ, may be shewn (1) generally, and (2) by an examination of the remains of the Scythian language. §6. The Scythians of Herodotus were members of the Sclavonian family. §7. Peculiarities of the Scythian language suggested by Aristophanes. §8. Names of the Scythian rivers derived and explained. § 9. Names of the Scythian divinities. § 10. Other Scythian words explained. §11. Successive peopling of Asia and Europe: fate of the Mongolian race. § 12. The Pelasgians were of Sclavonian origin. §13. Foreign affinities of the Umbrians, \&c. § 14. Reasons for believing that they were the same race as the Lithuanians. § 15. Further confirmation from etymology. § 16. Celtic tribes intermixed with the Sclavonians and Lithuanians. § 17. The Sarmatæ probably a branch of the Lithuanian family.

Since the Umbrians, Oscans, \&c. must be regarded in the first instance as aboriginal inhabitants, the inquirer, who would pass the limits of Italy and investigate the foreign affinities of the Italians, is first attracted by the Pelasgians. The seats of this race in Greece and elsewhere are well known; but there is no satisfactory record as to the region from which they started on their wide-spread migrations, or the countries which they traversed on their route. According to some they were Cretans, others make them Philistines, others again Egyptians; in fact, there is hardly one ancient nation which has not been noted in its turn as their parent stock. Even their name has received almost every possible etymology. The older scholars derived the
name $\Pi \epsilon \lambda a \sigma$ ós from Peleg; ${ }^{1}$ Sturz connects it with $\pi \epsilon-$ $\lambda \dot{a} \zeta \omega ;{ }^{2}$ Hermann finds the root in $\pi \epsilon \in \lambda a \gamma o s$, from $\pi \epsilon \lambda a ́ \zeta \omega{ }^{3}$ Wachsmuth ${ }^{4}$ and Müller, ${ }^{5}$ considering $\pi \epsilon \lambda a \rho \gamma o ́ s ~ t o ~ b e ~ t h e ~$ original form of the word, give as its etymology $\pi \epsilon \bar{\epsilon} \lambda \omega$, " to till," and äyoos, " the field," looking upon the nation as originally devoted to husbandry. The most common derivation is that which writes $\Pi \epsilon \lambda a \rho \gamma o i$, and interprets it " the storks," either from their wandering habits, ${ }^{6}$ their linen dress, ${ }^{7}$ or their barbarous speech. ${ }^{8}$ Every one of these etymologies admits of an easy confutation. The best answer to them all is to point out a better analysis of the word. Buttmann ${ }^{9}$ suggested long ago that the last two syllables were an ethnical designation, connected with the name Asca-nius, common in Phrygia, Lydia, and Bithynia, and with the name of Asia itself. He also correctly pointed to the relationship between Ashkenaz, the son of Gomer, and Javan, the biblical progenitor of the Ionians ('IáFoves) (Gen. x. 3). Now the first syllable of the word Pel-asgus is clearly the same as that of Pel-ops. There are two Niobes in Greek mythology, daughters, the one of Phoroneus, the other of Tantalus - the latter is the sister of Pelops, the former the mother of Pelasgus. The syllable $\Pi \epsilon \lambda$ stands in the same relation to $\mu \epsilon \lambda$ - that $\pi \epsilon \in \delta a$ does to $\mu \epsilon \tau a ́$. The original form of the root signifying " blackness"

[^7]was $\kappa \mu \epsilon \lambda-;^{1}$ but the labial generally predominated over the guttural element. Of the labial forms, that with the tenuis more usually came to signify " livid" than " black;" as we see in the words $\pi \epsilon \in \lambda \iota \rho \varsigma, \pi \epsilon \lambda \iota \delta \nu o ́ s, \& c$.' Apollodorus expressly says ${ }^{2}$ that $\Pi_{\epsilon} \lambda \iota a ́ s$ was so called because his face ,was rendered livid ( $\pi \epsilon \in \lambda \iota o s$ ) by a kick from a horse ; and it is obvious that $\Pi \in \lambda-\circ \psi$, which signifies " dark-faced" or "swarthy," is an ethnical designation which differs from the well-known name Ai日io $\psi$ only in the degree of blackness which is implied. The Ai日lomes were the " burntfaced people" (quos India torret, as Tibullus says of them, ii. 3, 59), and are described as perfectly black (Jeremiah xiii. 23; кvávєoc, Hes. Op. et Dies, 525) ; whereas the $\Pi \epsilon \dot{\lambda} o \pi \epsilon \varsigma$ were only dark in comparison with the Hellenes. ${ }^{3}$ On the whole, it can hardly be doubted that the $\Pi \epsilon \lambda a \sigma \gamma o i$ were, according to the name given them by the old inhabitants of Greece, " the swarthy Asiatics," who were called by the latter part of their name along the coast of Asia Minor. The former part of the name was not necessary there, where all were dark-complexioned.

Tradition and etymology agree, therefore, in tracing the Pelasgians, so called, to the western and northern coast of Asia Minor. There is, however, little or no reason to Asiatics" belonged, entered Europe in the first instance through the wide district of Thrace, which is always mentioned as the most ancient European settlement of this tribe. For although the legends about Pelops and Lydia make it probable that they subsequently crossed over the
${ }^{1}$ New Cratylus, p.136. Buttmann's Lexil. ii. p. $265 . \quad 2$ i. 9, § 8.
${ }^{3}$ Asius makes Pelasgus spring from the black earth (ap. Pausan. viii. 1, 4) :

But here the adjective is nothing but an epitheton constans.

Ægean, making settlements as they sailed along in the islands of the Archipelago, and though the etymology of their name refers to some such migration from the sunny coasts of Asia, it is nearly certain that the main body entered both Greece and Italy from the north-east. The course of their wanderings seems to have been as follows. They passed into this continent from the western side of the Euxine, and spread themselves over Thrace, Macedonia, and Epirus; then, while some of them forced their way into Greece, others, again moving on to the northwest, eventually entered Italy near the mouth of the Po. At some time, however, during the period of their settlement in Thrace, and before they had penetrated to the south of Greece, or had wandered to Italy, they appear to have crossed the Hellespont and peopled the western coast of Asia Minor, where they founded the city of Troy, and established the kingdom of Lydia-names to which the Pelasgians in Italy and Argos looked back with mysterious reverence. There seems to be good reason for believing that the Pelasgians acquired their distinctive character, that of agriculturists and architects, in the fertile plains of Asia Minor, and under that climate which was afterwards so prolific in works of art and genius. Those only of the Pelasgians who claimed a Lydian origin, namely, the Etruscans and Argives, were celebrated as artisans and tower-builders. It might be curious to inquire how the traditionary quarrels between the families of Dardanus and Tantalus contributed to produce the important Lydian migration into Greece; but such an investigation scarcely belongs to our subject.

Beyond these particulars we have no satisfactory data for the migrations of the great Pelasgian people; and if we wish to know their original point of departure in Asia, we must turn to comparative philology and to ethnographical traditions of a different kind.

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For if the Pelasgians can fairly be traced to Thrace as their first traditionary settlement in Europe, and if we can pass from the Thracians to the Getæ, and from the Getæ to the Scythians, we are carried into a new field, in which our speculations immediately receive the support of comparative philology.
§ 4. Scythians and Medes.

The Scythians of Herodotus are represented as occupying the wide tract of country which lies to the north of the Euxine. Though there are some alleged differences, we can collect that the whole country between Media and the Danube was occupied by a series of cognate tribes. The earliest traditions represent these Scythians as in continual contact and collision with the Medes; and we receive many significant hints that the Scythians and Medes were ultimately connected with one another as kindred races. If we pursue this subject in its details, especially as illustrated by the fragments of the Scythian language which Herodotus and others have preserved, we shall see that the Pelasgians may be traced step by step to a primary settlement in Media or northern Irân.
§ 5. Iranian origin of the Sarmatians, Scythians, and Getæ, may be shewn generally;

The general proof that Irân, or the country lying between the Caspian, the Euphrates, the Indian Ocean, and the Indus, was the original abode of the Indo-Germanic race, has been given elsewhere. ${ }^{1}$ It has also been shewn, that within these limits were spoken two great branches of the one Indo-Germanic language, which stood related to one another in much the same way as the Low and High German; the former being the older, and spoken by the inhabitants of Media, the northern half of this district. To these Medes, or, as they may be called, the Northern and Low Iranians, we refer, on the one hand, the Hindus, who call themselves Arians (arryas, " well-born"), for this was also

[^8]the ancient name of the Medes; and, on the other hand, the following members of the Low-German family:-(a) the Sarmatie or Sauromate, an old Sclavonian tribe, who are expressly called " descendants of the Medes" both by Diodorus ${ }^{1}$ and by Pliny, ${ }^{2}$ whose name, in the cognate Lithuanian language, signifies "the northern Medes or Matieni," ${ }^{3}$ and who, under the slightly modified name of Syrmata, dwelt near the Indus; ${ }^{4}$ (b) the Sigynna, or Sclavonian Wends, to whom Herodotus ascribes a Median parentage; ${ }^{5}$ (c) the Saxons, $S a c a s s a n i$, or $S a c a-s u n u$, i. e. " sons of the Sacæ," who once occupied Bactriana, as well as the most fertile part of Armenia, and from thence forced their way into Europe; ${ }^{6}$ and, above all, (d) the Goths, who, under the different local names of $\Gamma^{\prime}$ 'таи, $\Sigma$-ки́ $\theta a \iota$, i. e. Asa-goths, Єvббa-Үє́тa८, or Tvрı-૪є́тa८, i. e. Tyrasgeta, or Goths dwelling by the Dniester, and Mvool, Moıбoí, or Maбनa-үє́тal, i. e. Moeso-goths, occupied the whole of the districts which extend from the north-east of Irân to the borders of Thrace. ${ }^{7}$
${ }^{1}$ ii. 43, p. 195. Dind.
${ }^{3}$ Gatterer ap. Bockh, C. I. ii. p. 83.
${ }^{2}$ H. N. vi. 7.

5 v. 9. Strabo, p. 520.
${ }^{6}$ Plin. H. N. vi. 11. Strabo, pp. 73, 507, 509, 511, 513. Among those who fought with Visvâmitra are mentioned (Ramâyana, i. c. 54, ç. 18), first, the Pahlavi, i. e. the Persians, for they were called Pahlavi by the Indians; and then a mixed army of Sace and Yavani, who covered the whole earth (taîr âsit saìvrtâ bhâmih Çakair-Yavanan-içritaîh). The Persians called
 ミкı́as ка入є́ovaı इ́áкas). A. W. von Schlegel (ad loc. Ramáy. ii. 2, p. 169) thinks that the name ' $I d F \omega \nu$, the original form of ' $1 d \omega \nu$, ${ }^{\prime} I \omega \nu$, was not brought from Greece, but was learned by the settlers in Asia from the Lydians; and that the Yavani here mentioned by the Indian poet were the Greeks in general, who were always so called by the Indians, Persians, and Jews (Schol. ad


7 The traditions of the Goths referred not merely to Asia in general, but in particular to their Midum-heime, or "Median home," as the point of their departure (Ritter, Vorhalle, p. 473).
and by an examination of the remains of the Scythian language.

Although these general points are already established, the details of the subject have not yet been sufficiently examined, especially as regards the fragments of the language spoken by these northern and western scions of the great Median stock. It is in accordance with the general object of this treatise, that these details should be followed as far as they will lead us; and it is hoped that, by an analysis of all the Scythian words and names which Herodotus and others have preserved, the affinity of the Scythians to the Medes will be confirmed by the most decisive proofs, and that it will appear that the Pelasgians, whom tradition traces to the same regions, were members of the Sclavonian race. nian family.

The Scythian words which have been preserved by the ancients are names of rivers, places, and persons; designations of deities; and common terms. Before we consider these separately, it will be as well to inquire if there are not some general principles by which the characteristics of the language may be ascertained.

Niebuhr thinks ${ }^{1}$ that the Scythians belonged to the Mongol race ; and this is doubtless true of the original Scythians, whom the Medo-Scythians invaded and drove to the north. But these are not the people with whom we are at present concerned, and whose language has been preserved in the fragments which we are about to examine. The Scythians, with whom the Greeks were so well acquainted, were the same in origin with the Getæ and Sauromatæ, who bounded them on either side. That the Sauro-mate, or " northern Medes," were a branch of the Sclavonian family is clear from their connexion with the Rhoxo-lani; these are described by Tacitus ${ }^{2}$ as a Sarmatian tribe; and the Muscovites are still called Rosso-lainen,

[^9]or Russian people, by the Finns, who designate themselves as the Suoma-lainen.' The Sclavonian language may be classed with the oldest branch of the Low-German dialects, which is compared with the Median or Low-Iranian idiom. Consequently, if the Scythians, of whom Herodotus wrote, were of the same race with the Sauromatz,-and this is implied in his statement that the Sarmatian language was a corruption of the Scythian, ${ }^{2}$-we must conclude that the Scythians were of the same race as the Sclavonians. The first principle, then, which we have to guide us in our examination of the fragments in which the Scythian language is preserved, is this, that the Scythians were members of the widely extended Sclavonian family. ${ }^{3}$

Some other general views are furnished by Aristophanes. It is well known that the police of Athens con-
${ }^{1}$ Prichard, Celtic Nations, p. $16 . \quad{ }^{2}$ iv. 117.
${ }^{3}$ Since writing the above the author has fallen in with an ingenious, but flippant, treatise (Skythien und die Skythen des Herodot, von Dr. F. L. Lindner, Stuttgart, 1841), in which the connexion of the Scythians with the Sclavonians is proved on the principle of exhaustion,-the Sclavonians were the only possible descendants of the Scythians, because no other nation could have descended from them. Dr. Lindner does not enter upon the language of the Scythians: he remarks, however, that Scolota is probably the same word as Sclavonians; that Colatis is the modern Galatsch; and that in the name of the three sons of Targitaos (Leipoxa-is, \& c.), we have the Sclavonian terminations -itsch or -atsch. He holds that, according to Herodotus, we have five, and only five, divisions of the Scythian nation,-four in Europe and one in Asia, namely, -

1. The Scolota, or proper Scythians, between the Danube and the Dnieper.
2. The Sauromate, between the Dnieper and the Donetz.
3. The Budini, in the same district, but to the north of the former.
4. The Agathyrsi, in Transylvania.
5. The Saca, to the east of the Caspian.

There is some good matter in this book of Lindner's; but the self-sufficiency and arrogance of the author would seriously diminish the worth of a much more complete and satisfactory essay on the subject. He has received a severe castigation from Dr. Bobrik, in the Berlin. Jahrluicher for August 1842, p. 218, sqq. gested by Aristophanes.
sisted of Scythian bowmen. Accordingly, when the great comedian introduces one of these public servants on the stage, we might expect that, as he imitates the broad dialects of the Bœotians and Megarians, and the pure Doric of the Spartans, he would also give an accurate representation of the broken Greek of these barbarian functionaries. ${ }^{1}$ When we mimic the provincialisms of the Highlanders or the Welsh, we are careful to substitute tenues for medials; and in the same way, we may suppose, Aristophanes would represent the leading peculiarities of the Scythian pronunciation of Greek. Now we find that his Scythian bowman in the Thesmophoriazuse consistently omits the final -s or $-\nu$ of Greek words, substitutes the lenis for the aspirate, and once puts $\boldsymbol{\xi}$ for sigma. We should expect, therefore, that the Scythian language would present us with Visargah and Anuswarah, ${ }^{2}$ would repudiate aspirated consonants, and employ $\xi$ instead of the ordinary sibilant. While this is the case with the fragments of the Scythian language which still remain, it is even more remarkable in the old idioms of Italy. In fact, these peculiarities constitute, as we shall see in the sequel, some of the leading features by which the Italian languages are distinguished from the dialects of ancient Greek.
§ 8.

The names of the Scythian rivers, which Herodotus enumerates, will first engage our attention. These names are materially corrupted by the Greek transcription; but with the help of the general principles which have just been stated, we shall be able to analyse them without much difficulty.

Beginning from the European side, the first of these rivers is the $I s$-ter, or, as it is now called, the Don-au or

[^10]Dan-ube. If we follow the analogy of our own and other countries, we shall observe that local names very often consist of synonymous elements; from which we may infer that the earlier parts of the word have successively lost their significance. Thus, the words wick, ham, and town, are synonymous, though belonging to different ages of our language; and yet we have compounds such as Wick-ham and Hamı[p]-ton-wick. The words wan, beck, and water, are synonymous ; and yet we find a stream in the north of England called Wans-beck-water. The words nagara and pura in Sanscrit both signify " city;" but we find in India a city called Nag-poor. In the same way, we believe that both parts of the word $I s$-ter denote " water" or " river." The first part of the word is contained in the name of our own river Thames, or Tam-isis, the upper part of which is still called the $I s$-is: the second part we shall discuss directly, in speaking of the third Scythian river. The other and more recent name, Dan-ub-ius, also contains two elements, each signifying " water" or " river." The latter part is found in the Gaelic $a p$, and in our Avon, \&c.; the former in most of the Scythian rivers, as will presently appear.

The next river is the Por-ata or Pruth, which obviously contains the same root as the Greek word mopos.

The third river is called by Herodotus the Tí $\rho-\eta s$, and is now known as the Dnies-ter or Danas-ter. The latter part of this name is the same as the latter part of Is-ter. The first part of the compound is the commencement of the other name of the $I s$-ter. In the transcription of Herodotus, either this word is omitted, and the Danas-ter is mentioned merely as the Ter, or the last syllable of $T v^{\prime} \rho-\eta s$ represents the first syllable of the Is-ter; so that the Danube was called the Is-ter, and the Dnies-ter the Ter-is. It is singular that the syllables Dan-, Don-, or Dun-, and Ter- or Tur-, are used in the Celtic and Pelas-
gian languages respectively to signify " height," or " hill," or " hill-tower;" and it is to be supposed that this was the origin of their application to the river, which flows rapidly down from its birth-place in the mountains. ${ }^{1}$

The river Hypan-is is called, according to the Greek transcription, by a name compounded of the Celtic Apan (Avon) and the word is-, which we have just examined. The first part of the word occurs also in the name of the river Hypa-caris, which means the water of Caris. The root of the second part of this name appears in the names of the city Car-cine, and the river Ger-rus, which flowed into the Car-cinitis sinus by the same mouth as the Hypan-is and Hypa-caris. It would also seem that the exceedingly corrupted name Pan-ticapes began originally with the same word: the meaning of the last three syllables is absolutely lost, and they will scarcely be sought in the modern name Ingul-etz, of which we can only say that the last syllable represents the root is-; comp. Tana-is, Tana-etz. ${ }^{2}$

The Greeks who dwelt near the mouth of the great river Borysthenes naturally pronounced the native name of the river in the manner most convenient to their own articulation; and the name, as it stands, is to all outward appearance a Greek word. This circumstance has deceived the ablest of modern geographers, who derives the first part of the word from Bop $\bar{s}$ or Bopéas. There is little difficulty, however, in shewing that the name is identical with that by which the river is known at the present time, —the Dnie-per or Dana-paris. It is well known that the northern Greeks were in the habit of substituting the

[^11]
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nated the Greek divinities, ' $I \sigma \tau i \eta, Z \in u ́ s, \Gamma \hat{\eta},{ }^{\prime} A \pi o ́ \lambda \lambda \omega \nu$, Oúpavi ${ }^{\prime}$ ' $A \phi \rho o \delta i \tau \eta$, and $\Pi о \sigma \epsilon \iota \delta \epsilon \in \omega v$, were Taßıтi, $\Pi a$ $\pi a i ̂ o s, ~ ' A \pi i a$, Oíóov
'Ioti $\eta$ ' or Vesta, was the goddess of fire. There can be no doubt why the Medo-Scythians called her Tabiti, when we know that in the $Z$ end and Sanscrit languages the root tab- or tap- signifies " to burn." Compare also the Latin tab-eo, the Greek riф-os, and the German thau-en.
$Z \epsilon u ́ s$, or $Z \epsilon \grave{s} \pi a \tau \eta ́ \rho$ (Ju-piter), was called Пamaîos, or " the Father," a name by which he was known to the Latins also. The primary labial sounds are appropriated in all languages to express the primary relation of parent and child. The children on whom Psammitichus tried his experiment (Herod. ii. 2) first uttered the articulate sound $\beta \epsilon$-кós, apparently the first labial followed by the first guttural; and in some articulations, as well as in the order of our alphabet, this is the natural sequence. To this spontaneous utterance of the first labials to designate the parental relation and the primary necessities of infancy, l have referred elsewhere ( $N$. Crat. p. 340) ; and it seems to have struck Delitsch also (Isagoge, p. 131), when he speaks of those nouns " quæ aboriginum instar sine verbi semine sponte provenerunt, velut אָָּ, ex, primi labiales balbutientis pueri, Sanscr. pi-tri, ma-tri, \&c."

The Scythian name for the goddess of the Earth is 'Amla. This word actually occurs in Greek, as the name of the country where the Pelasgians ruled: and the root $A p$ - or $O p$ - is of frequent occurrence both in Greece and in Italy (Buttmann's Lexil. s. v.).

As the Scythian religion appears to have exhibited an elementary character, we should expect that their Apollo would be " the god of the sun." And this seems to be the meaning of his name, as cited by Herodotus. Oitó- $\sigma$ vosos should signify " the light or life of the sun." The second
part of the word at once refers us to the Sanscrit sirrya, which is also implied in the $\sigma \dot{v} \rho \iota o v a ̈ \rho \mu a$ of $\nVdash$ schylus (Pers. 86. N. Crat. p. 576). The first two syllables may be explained as follows. After the loss of the digamma, the sound of $w$ at the beginning of a word was often expressed
 modern equivalent el Wall; the Persian interjection oóa (Æschyl. Pers. 116), which is doubtless the Greek representative of the oriental exclamation wal; the N. Test. ovai $i^{\prime}=w e h$; and the word oiotpos, referring to the whizzing noise of the gad-fly. Accordingly, Oitó- $\frac{1}{} \rho \boldsymbol{\rho o s}$, pronounced Wito-suros, signifies the Uita, Oitos, Aiva, or life of the sun: comp. the Russian Vite, signifying "a portion;" or if we prefer the cognate idea of light, we may compare the oito- with aiӨ́, aiӨós, uitta, weiss," white."

It is by no means clear what were the attributes of the celestial Venus of the Scythians. It seems, however, that the name 'A ${ }^{\prime} \tau^{\prime} \mu$ - $\pi a \sigma a$ must be an approximation to Erth-am-pasa, " the queen of the earth."

The Scythian name for Neptune may be explained with almost demonstrable certainty. The general observations on the Scythian language have shewn that they preferred the tenuis to the aspirate. The word $\Theta a \mu с \mu a-$ oádas must therefore have been pronounced Tami-masadas. Now, if we compare this word with the Scythian proper name Octa-masadas (Herod. iv. 80), we shall see that masadas must be the termination. In the Zend, or old Median language, Mazdas (connected with maz, "great"), signifies "a god," or " object of worship." So Or-muzd is called Ahura-mazdas, and a worshipper is termed Mazdayasna. Accordingly, Tami-masadas must mean " a god, or object of worship, with regard to Tami." When, therefore, we learn from Pliny, that Temerinda is equivalent to mater maris, we cannot doubt that Teme, or Tami, means " the sea," and that Tami-masadas, or " Neptune," is, by
interpretation, " the god of the sea." It does not appear that the second part of the name Temerinda is a distinct word in itself. It seems more probable that it is a feminine termination, analogous to Larunda. The word Tama probably signifies " broad water;" for the river which is called the $I s$-is while it is narrow, becomes the Tam-is-is, or "Thames," when it begins to widen.

That the name of a man, like Octa-masadas, should be significant of veneration will not surprise those who recollect the Scythian name Sparga-pises (the son of Tomyris, Herod. i. 211), or Sparga-pithes (a king of the Agathyrsi, id. iv. 78), which seems to be equivalent to the Sanscrit Svarga-pati, "lord of heaven"-sparga bearing the same relation to svarga that the Persian $a c ̧ p a$ does to the Sanscrit $a c ̧ v a$; and the Zend çpan, old Persian çpaka, Sclavonian sabaka, to the Sanscrit çva (çvan), Greek $\kappa v ́ \omega v$.

Leaving the names of divinities, we may turn to the scarcely less mythological Arimaspi. Herodotus says that they were a one-eyed people ( $\mu o v \nu \delta^{\prime} \phi \theta a \lambda \mu o \iota$ ), and that their name indicates as much - ä $\rho \iota \mu a$ yà $\rho$ êv ка入є́ovoı $\sum \kappa \dot{\theta} \theta a \iota, \sigma \pi o \hat{v} \delta \dot{\epsilon} \tau \grave{\nu} \nu \dot{o} \phi \theta a \lambda \mu o ́ v$. If this be true, we shall have no difficulty in referring the name to the class of languages of which we are speaking; for, with the change of $r$ for $d$, so common in Latin (compare auris, audio; ar-veho= ad-veho; arvocito=sape advoco, Fest.; ar-cesso=ad-cesso; meridie =medi-die, \&c.), arima will represent the Sanscrit ordinal $a d i m a$; and we may compare $\sigma \pi o \hat{v}$ with the root spic- or spec-, signifying " to spie" or " to see."

Another compound, which may with equal facility be referred to the Indo-Germanic family of languages, is the name by which the Scythians designated the Amazons. Oió $\pi a \tau a$, according to Herodotus, is equivalent to $\dot{a} \nu-$
 ктєiveiv. Now oióp is clearly the Sanscrit vira, the Zend
vairya, the Latin vir, Gothic vair-s, Welsh gwyr, and the Lithuanian vyras. The root pat in Sanscrit does not signify primarily " to kill," but " to fall;" though the causative form pátyati constantly means " he kills," i.e. "causes to fall." It seems more probable, however, that the Scythian articulation has substituted a tenuis for the $v$-sound, as in the case of sparga for svarga, mentioned above, and that the verb is to be sought in the common Sanscrit root vadha, " to strike," " to kill," " to destroy."

Pliny (Hist. Nat. vi. 17) tells us that the Scythian name for Mount Caucasus was Grou-casus, i. e. nive candidus. The first part of this word is clearly connected with gelu, glacies, крúos, крú-бтa入入os, kalt, cold, grau, and grey; and casa, " white," may be compared with cas-tus, casnar (senex Oscorum lingua, Fest.; comp. Varro, L. L. vii. § 29), canus, \&c.

In the tract about rivers, printed among Plutarch's Fragments, we have the following Scythian words, with interpretations annexed. He does not interpret $\dot{a} \lambda i v \delta a$, which he describes as a sort of cabbage growing near the Tanais (c. xiv. § 2): we may compare the word with Temerinda. He tells us, however, that $\beta \rho \iota \xi \dot{\alpha} \beta a$ means крıồ $\mu \epsilon ́ \tau \omega \pi o v$ (c. xiv. §4), that $\phi \rho v \xi^{\prime} a$ is equivalent to $\mu \iota \sigma o-$
 (c. xxiii. §2). Of these, $\beta \rho i \xi$, " a ram," seems connected with berbex, verbix, or vervex. ${ }^{\prime} A \beta a$ is probably akin to caput, kapala, haupt, \&c.,-the initial guttural having been lost, as in amo, Sanscr. kama-. We may compare $\xi \dot{\alpha}$, " to hate," with the German scheu. The syllable $\phi \rho v$ ( $p h r u$ ) probably contains the element of prav-us (comp. the German frevel); and ă $\rho a$, signifying " a virgin," may perhaps be connected with "Ap-тє $\mu \iota \varsigma$, Etrusc. Ari-timi-s.

Herodotus (iv. 52) mentions a fountain the name of
 $\nu \omega \nu \gamma \lambda \omega \bar{\omega} \sigma a \nu$, 'I $\rho a i$ ó óoo'. Ritter (Vorhalle, p. 345) conjec-
tures that the original form of ' $E \xi^{\prime} a \mu-\pi a \hat{\imath}$-os must have been Hexen-Pfad, i. e. Asen-Pfad, which he compares with Siri-pad, and which denotes, he thinks, the sacred ominous road by which the Cimmerian Buddhists travelled towards the west. Böckh (Corpus Inscript. ii. p. 111) supposes
 " nine." The numeral " nine" is preserved in a very mutiluted state in all languages, both Semitic and Indo-Germanic. It may, however, be shewn that it is equivalent in all its expressions to $10-1$; and it would not be difficult to point out the possibility of this in the word $\epsilon \mathfrak{\epsilon} \dot{\xi} v$, if the


This examination includes all the Scythian words which have come down to us with an interpretation; and in all of them it has been shewn that they are connected, in the signification assigned to them, with the roots or elements which we find in the Indo-Germanic languages. If we add this result of philology to the traditionary facts which have been recorded of the international relations of the Getæ, Scythæ, Sauromatæ, and Medes, we must conclude that the inhabitants of the northern side of the Euxine, who were known to the Greeks under the general name of Scythians, were members of the Indo-Germanic family, and not Mongolians, as Niebuhr has supposed.

The true theory with regard to the successive peopling of Asia and Europe seems to be the following. ${ }^{1}$ While the Indo-Germanic or Japhetic race was developing itself within the limits of Irân, and while the Semitic family were spreading from Mesopotamia to Arabia and Egypt, a great population of Tchudes, or Mongolians, had extended

[^12]its migrations from the Arctic to the Indian Ocean, and from Greenland over the whole north of America, Asia, and Europe, even as far as Britain, France, and Spain. In proportion, however, as these Tchudes were widely spread, so in proportion were they thinly scattered; their habits were nomadic, and they never formed themselves into large or powerful communities. Consequently, when the Iranians broke forth from their narrow limits, in compacter bodies, and with superior physical and intellectual organisation, they easily mastered or drove before them these rude barbarians of the old world; and in the great breadth of territory which they occupied, the Tchudes have formed only two independent states - the Mantchus in China, and the Turks in Europe. There can be no doubt that they were mixed with the Sarmatians and Getæ, who conquered them on the north of the Euxine; and perhaps the name of $S$-colota, or Asa-Galate, by which the Scythæ called themselves, may point to a Celtic intermixture. But it is obvious, from the arguments which have been adduced, that this Scythian nation, of which Herodotus wrote, did not consist of Tchudes, but of the Indo-Germanic tribes, who conquered them, and who were, as has been shewn, of the same family as the Pelasgians.

It has been proved that the Sarmatians were the parent stock of the Sclavonians; and we find in the Sclavonian dialects ample illustrations of those general principles. by which the Scythian languages seem to have been characterised. Making, then, a fresh start from this point, we shall find an amazing number of coincidences between the Sclavonian languages and the Pelasgian element of Greek and Latin: most of these have been pointed out elsewhere; at present it is only necessary to call attention to the fact. So that, whichever way we look at it, we
shall find new reasons for considering the Pelasgians as a branch of the great Sarmatian or Sclavonian race. The Thracians, Getæ, Scythæ, and Sauromatæ, were so many links in a long chain connecting the Pelasgians with Media; the Sauromatæ were Sclavonians; and the Pelasgian language, as it appears in the oldest forms of Latin, and in certain Greek archaisms, was unquestionably most nearly allied to the Sclavonian: we cannot, therefore, doubt that this was the origin of the Pelasgian people, especially as there is no evidence or argument to the contrary.
§ 13. Foreign affinities of the Um brians, \&c.

But, to return to Italy, who were the old inhabitants of that peninsula? Whom did the Pelasgians in the first instance conquer or drive to the mountains? What was the origin of that hardy race, which, descending once more to the plain, subjugated Latium, founded Rome, and changed the destiny of the world?

The Umbrians, Oscans, or Sabines - for we must now consider them as only different members of the same family -are never mentioned as foreigners. We know, however, that they must have had their Transpadane affinities as well as their Pelasgian rivals. It is only because they were in Italy before the Pelasgians arrived there, that they are called aborigines. The difference between them and the Pelasgians is in effect this: in examining the ethnical affinities of the latter we have tradition as well as comparative grammar to aid us; whereas the establishment of the Umbrian pedigree depends upon philology alone.
§ 14. were the same

Among the oldest languages of the Indo-Germanic family not the least remarkable is the Lithuanian, which stands first among the Sclavonian dialects, ${ }^{1}$ and bears a

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words and forms of words in the Sabine language are explicable most readily from a comparison with the Li thuanian; and the general impression which these arguments leave upon our mind is, that the aborigines of Italy were of the same race as the Lithuanians or old Prussians.
§ 15. Further confirmation from etynology.

Let us add to this comparison one feature which has not yet been observed. The Lithuanians were not only called by this name, which involves both the aspirated dental th and the vocalised labial $u$, but also by the names Livonian and Lettonian, which omit respectively one or other of these articulations. Now it has been mentioned before, that the name of the Latins exhibits the same phenomenon; for as they were called both Latins and Lavines, it follows that their original name must have been Latuinians, which is only another way of spelling and pronouncing Lithuanians. If, therefore, the warrior tribe, which descended upon Latium from Reate and conquered the Pelasgians, gave their name to the country, we see that these aborigines were actually called Lithuanians, and it has been shewn that they and the Sabines were virtually the same stock. Consequently, the old Prussians brought even their name into Italy. And what does this name

Benfey (Wurzel-Lexikon, ii. p. 143), who follow the old grammarians and connect this word with the Greek $\gamma \nu \hat{\omega} \mu a, \gamma \nu \omega \mu \eta, \gamma \nu \omega \mu \omega \nu \nu$ : it is much more reasonable to suppose, with Klenze (Abhandl. p. 135, note), that it is a genuine Latin term; and I would suggest that it may be connected with grumus, Lithuan. krúwa, Lettish kraut: comp. кр $\omega \mu \alpha \xi, \kappa \lambda \omega \mu \alpha \xi$, globus, gleba, \&c. The name may have been given to the point of intersection of the main via and limes, because a heap of stones was there erected as a mark (cf. Charis. i. p. 19). Even in our day it is common to mark the junction of several roads by a cross, an obelisk, or some other erection; to which the grumus, or "barrow," was the first rude approximation. If so, it may still be connected with ruma; just as $\mu a \sigma \tau \delta s$ signifies both "a hillock" and "a breast;" and the omission of the initial $g$ before a liquid is very common in Latin, comp. narro with $\gamma \nu \omega \rho l \zeta \omega$, nosco with $\gamma \boldsymbol{\gamma} \nu \omega \dot{\sigma} \kappa \omega$, and norma with $\gamma \nu \dot{\omega} \rho / \mu o s$.
signify? Simply, " freemen." ${ }^{1}$ For the root signifying " free," in all the European languages consisted of $l$ - and a combination of dental and labial, with, of course, a vowel interposed. -In most languages the labial is vocalised into $u$, and prefixed to the dental; as in Greek $\dot{\epsilon}-\lambda \epsilon \dot{\nu} \theta \epsilon-\rho o s$, Lithuan. liaudis, Germ. leute, \&c. In the Latin liber the labial alone remains.

There are many points of resemblance between these Lithuanians and the Sclavonians on the one hand, and between them and the Celts on the other; and it can scarcely be doubted that in their northern as well as their southern settlements, they were a good deal intermixed with Celtic tribes in the first instance, and subjected to Sclavonian influences afterwards. That this was the case with the Lithuanians, we learn from their authentic and comparatively modern history. It appears, too, that in Italy there was a substratuin of Celts before the Lithuanians arrived there; and that the Sclavonian Pelasgians, having subsequently entered the country, absorbed the Lithuanian element into their own language in the northern half of the peninsula, whereas in the south, and especially on the banks of the Tiber, the Lithuanian ingredient predominated, and most materially affected the kindred Pelasgian idiom of ancient Latium.

If it is necessary to go one step further, and identify this Lithuanian race with some one of the tribes which The Sarmatæ probably a

[^14]§ 16.
Celtic tribes intermixed with the Sclavonians and Lithuanians.
branch of the Lithuanian family.
form so many links of the chain between Media and Thrace, it would be only reasonable to select the Sauromata, whose name receives its interpretation from the Lithuanian language (Szaure-Mateni, i. e. "Northern Medes). The Sauromatæ and the Scythæ were undoubtedly kindred tribes;' but still there were some marked differences between them, insomuch that Herodotus reckons the Sarmatæ as a separate nation. Between the Pelasgians and the Umbrians, \&c. there existed the same affinities, with similar differences; and the ethnographer may acquiesce in the satisfactory. assurance that he has Lithuanians by the side of Sclavonians-Sarmatiaus dwelling in the neighbourhood of Scythians - on the north of the Euxine, on the south coast of the Baltic, and in the richer and more genial peninsula of Italy.

The present inhabitants of Sarmatia are the Cossacks; a word which many derive from the ethnic name Sacce. Whatever may be the origin of the term, it is clear that it is no longer a national name; for Cossacks, or "freebooting light troops," are found in the Turkish as well as in the Russian armies. The Cossacks who occupy the territory of the ancient Sarmatæ are Sclavonians.

[^15]
## CHAPTER III.

## THE UMBRIAN LANGUAGE AS EXHIBITED IN THE EUGUBINE TABLES.


#### Abstract

§ 1. The Eugubine Tables. § 2. Peculiarities by which the old Italian alphabets were distinguished. § 3 . The sibilants. §4. Some remarks on the other letters. §5. Umbrian grammatical forms §6. Selections from the Eugubine Tables, with explanations: Tab. I. a, 1. §7. Tab. I. a, 2-6. § 8. Tab. I. b, 13, sqq. § 9. Extracts from the Litany in Tab. VI. a. § 10. Umbrian words which approximate to their Latin synonymes. § 11. The Todi inscription contains four words of the same class.


From the preceding investigations it appears that the original inhabitants of ancient Italy may be divided into two great classes, one of which entered the peninsula before the other. It is not necessary to speak here of the Celts, who formed the substratum in all the insular and peninsular districts of Europe; but confining our attention to the more important ingredients of the population, we find only two - the Lithuanians and the Sclavonians. To the former belonged the Umbrians, Oscans, and, the connecting link between them, the Sabines; to the latter the Etruscans, and all the various ramifications of the Pelasgian race.

The next step will be to examine in detail some of the fragmentary remains of the language spoken by these ancient tribes. The Umbrian claims the precedence, not only on account of the copiousness and importance of the reliques of the language, but also because the Umbrians must be considered as the most important and original of
all those ancient Italian tribes with whom the Pelasgians became intermixed either as conquerors or as vassals.

The Eugubine Tables, which contain a living specimen of the Umbrian language, were discovered in the year 1444 in a subterraneous chamber at La Schieggia, in the neighbourhood of the ancient city of Iguvium (now Gubbio or Ugubio), which lay at the foot of the Apennines, near the via Flaminia (Plin. H. N. xxiii. 49). On the mountain, which commanded the city, stood the temple of Jupiter Apenninus; and from its connexion with the worship of this deity the city derived its name:-Iguvium, Umbr. Iiovium, i. e. Iovium, $\Delta \hat{\imath} o v, \Delta i o s ~ \pi o ́ \lambda \iota s . ~ T h e ~ T a-~$ bles, which are seven in number, and are in perfect preservation, relate chiefly to matters of religion. From the change of $s$ in those of the Tables which are written in the Etruscan or Umbrian character, into $r$ in those which are engraved in Roman letters, Lepsius infers (de Tabb. Eugub. p. 86, sqq.) that the former were written not later than a.v.c. 400 ; for it appears that even in proper names the original $s$ began to be changed into $r$ about A.U.c. 400 (see Cic. ad Famil. ix. 21. comp. Liv. iii. cap. 4, 8. Pompon. in Digg. i. 2, 2, § 36. Schneider, Lat. Gr. i. 1, p. 341, note); and it is reasonable to suppose that the same change took place at a still earlier period in common words. By a similar argument, derived chiefly from the arbitrary insertion of $h$ between two vowels in the Tabulce Latine scripta, Lepsius infers (p. 93) that these were written about the middle of the sixth century a.U.c., i.e. at least two centuries after the Tabula Umbrice scripta. tinguished.

Before, however, we turn our attention to these Tables, and the forms of words which are found in them, it will be advisable to make a few remarks on the alphabet which was used in ancient Italy.

The general facts with regard to the adaptation of the

Semitic alphabet to express the sounds of the Pelasgian language have been discussed elsewhere. ${ }^{1}$ It has there been shewn that the original sixteen characters of the Semitic syllabarium were the following twelve :-

| Breathings. | Labials. | Palatals. | Dentals. |  |
| :---: | :---: | :---: | :---: | :---: |
| $k$ | ユ | 2 | 7 | Tenues. |
| $\pi$ | 1 | $\pi$ | $\pm$ | Aspirates. |
| 》 | 5 | $p$ | 8 | Medials. |

with the addition of the three liquids, ל, $\square, \Sigma$, and the sibilant $\square$; and it has been proved that these sixteen were the first characters known to the Greeks. They were not, however, sufficient to express the sounds of the old languages of Italy even in the earliest form in which they present themselves to us. The Umbrian alphabet contains twenty letters; the Oscan as many; the Etruscan and the oldest Latin alphabets nineteen. In these Italian alphabets some of the original Semitic letters are omitted, while there is a great increase in the sibilants; for whereas the original sixteen characters furnish only the sibilants s and $\mathbf{T H}$, the old Italian alphabets exhibit not only these, but SH or $\mathrm{x}, \mathrm{z}, \mathrm{R}$, and R. Of these additional sibilants, x is the Hebrew shin, z is $z a d e, \mathrm{r}$ represents resh, and $\dot{\mathrm{R}}$ is an approximation to the sound of $\theta$.

As these sibilants constitute the distinguishing feature in the old Italian languages, it will be useful to speak more particularly of them, before we turn to the other letters.
(a) The primary sibilant s , as used by the Umbrians

[^16]and Oscans, does not appear to have differed, either in sound or form, from its representative in the Greek alphabet.
(b) The secondary sibilant z , in the Umbrian and Etruscan alphabets, appears to have corresponded to only one of the two values of the Greek $\zeta$. The latter, as we have proved elsewhere, was not only the soft $g$ or $j$, or ultimately the sound $s h$, but also equivalent to the combination $s d$, or ultimately, by assimilation, to $s s$. Now the Romans expressed the first sound of the Greek $\zeta$ either by $d i$ or by $j$, and its ultimate articulation ( $s h$ ) by $x$; whereas, on the other hand, they represented $\zeta=\sigma \delta$ either by a simple $s$, or by its Greek assimilation $s s$. Thus the Etruscan Kanzna, Venzi, Kazi, Veliza, are written in Latin Cosius, Vensius, Cassius, Vilisa, and Záкvข $\theta$ os becomes Saguntus; while the Greek $\mu a ́ \xi a$, $\mu \dot{u} \zeta \omega, \quad \partial \quad \beta \rho \nu \zeta o \nu, \pi v \tau \iota \zeta \epsilon \iota \nu, \dot{a} \nu a \gamma \kappa \dot{a} \zeta \epsilon \iota \nu, \kappa \omega \mu \dot{a} \zeta \epsilon \iota \nu$, may be compared with massa, musso, obrussa, pytissare, necesse, comissari. In the Eugubine Tables, words which in the Umbrian characters exhibit a $z$, give us a corresponding s in those which are written with Latin letters. Thus, for the proper name Iapuzkum, as it is written in Umbrian characters, we have in the Latin letters Iabuske, Iabusker, \&c.
(c) The aspirated Umbrian sibilant s , for which the Oscans wrote $\mathbf{x}$, expressed the sound $s h$ (Germ. sch, Fr. $c h$ ), which was the ultimate articulation of the other sound of the Greek $\zeta$. We may compare it with the Sanscrit श ( $(\underset{)}{ }$; and, like that Sanscrit sibilant and the Greek $\zeta$, it often appears as a softened guttural. Thus we find prusésetu for prusekatu, Lat. pro-secato; and the termination -kla, -kle, -klu (Lat. -ċulum), often appears as -śla, $-s l e,-\dot{s} l u$. As in our own and other languages the gutturals are softened before the vowels $e$ and $i$, so in Umbrian the guttural $k$ generally becomes $\dot{s}$ before the same

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twice in the Eugubine Tables. The frequent substitution of $r$ for $d$ in Latin indicates a change to that letter through the softened dental $\theta$, and we often find R where we should expect a dental, as in furenr $=$ furent, kapire $=$ capide, ar$v e i t u=a d v e h i t o, \& c . \quad$ Although R is sometimes represented by $r s$, we also occasionally find this letter followed by $s$, as in the words eturstamu, mer's, which in the Latin character are written eturstahmu, mers.
§ 4. Some remarks on the other letters.

Of the other letters it will not be necessary to say much. The most remarkable is the Oscan vowel $\mathbf{i}$, which in the inscriptions appears as a mutilated $F$; thus, F . The same figure was adopted by Claudius to express the middle sound between $i$ and $u$ with which the Romans pronounced such words as virtus, vigere, and scribere. In Oscan it appears to have been either a very light $i$ (and so distinguished from the vowel I , which generally represents the long $i$ of the Romans), or else a very short $u$. In the Oscan inscriptions $i$ is of more frequent occurrence than $i$. Whenever these vowels come together, $i$ always precedes. i is almost invariably used to form the diphthongs $u i$, ai, ei, answering to the Greek o८ $(\omega)$, $a \iota(a)$, and $\epsilon \iota$; and $i$ very rarely appears before two consonants.

The Oscan letter $u^{\prime}$ stands to $u$ in the same relation as this í to the Oscan i. The former seems to be a sort of very light $o$, which is substituted for it in those inscriptions which are written in the Latin character; whereas the letter $u$ seems to represent the long $o$ of the Latins, as in -um (Gr. - $\omega \nu$ ) for orum, líkí-tud for lice-to, kvaîsstur for quastor, \&c.

The Umbrians and Oscans distinguished between $u$ and v. The latter was a consonant, and was pronounced like our $w$. It was written as a consonant after k ; but the vowel $u$ was preferred, as in Latin, after $\mathbf{Q}$.

The letters $L$ and $\boldsymbol{b}$ were of rare occurrence in the

Umbrian language. The former never stands at the beginning of a word, the latter never at the end of one. In the Oscan language we meet with L more frequently.

As the Etruscan alphabet had no medials, those of the Eugubine Tables which are written in Etruscan characters substitute к for g, e. g. Krapuvi for Grabove. But the Oscan and Umbrian inscriptions when written in Latin characters distinguish between the tenuis and medial gutturals, according to the marks introduced by Sp . Carvilius, viz. c, G.

In the Oscan alphabet $\mathbf{D}$ is represented as an inverted R ; and the affinity between these letters in the Latin language is well known.

The labial $\mathbf{P}$, which never terminates a word in Latin, stands at the end of many mutilated forms both in Umbrian and Oscan, as in the Umbrian vitlup for vitulibus (vitulis), and the Oscan nep for neque. In general, it is to be remarked that the letters $\mathbf{P}, \mathbf{F}, \mathbf{R}, \mathrm{s}, \mathrm{D}$, and T , all occur as terminations of Umbrian or Oscan words.

The grammatical forms of the Umbrian language are very instructive; and the author of these pages has already Umbrian grammade use of them in the solution of the most difficult problem in Latin etymology, - the person-endings of the passive voice (see New Cratylus, p. 445). In Umbrian we see the secondary letter $r$, that important element in the formation of Latin words, not only regularly used in the formation of the cases and numbers of nouns which in Latin retain their original $s$, but also appearing in plural verbforms by the side of the primitive $s$, which is retained in the singular, though the Latin has substituted the $r$ in both numbers. The following are the three declensions of Umbrian nouns, according to the scheme given by Müller (Götting. Gel. Anz. 1838, p. 58):
I. Decl. Tota, a city.

Nom. tota.
Gen. tota-r.
Dat. tote.
Accus. totam. Abl. tota.
II. Decl. Poplus, a people.
poplus.
pople-r.
pople.
poplo-m.
poplu.

Nom. ocri(s).
Gen. ocre-r.
Dat. ocre.
Accus. ocrem.
Abl. ocri.
III. Decl. Ocri-s, a mountain.

Nome, a name.
nome.
nomner.
nomne.
nome. nome.

Besides these cases, the Umbrian has a locative, which ends sometimes in $-e$, and sometimes in $-m$ or $-m e$. Similarly the ancient Latin has two locatives, one in $e=a i$ or $e i$, the other in -im. It is a question among philologers (below, p. 59), whether the $-f$ at the end of plural nouns is a mark of the accusative, or whether it stands as a mutilated element of - $\phi \iota,-\phi \iota v,-b i,-b u s$ (see New Cratylus, p. 321). The latter is the more reasonable supposition. At all events, this must be the force of kute-f=caute, which stands by the side of the locative sevum. The genitive plural seems to end in -rum, like the Latin (iii. 2).

The verbs generally occur in the imperative mood, as might be expected, since the Tables contain chiefly prayers and injunctions about praying. In these imperatives we mostly recognise a singular in $-t u$, and a plural in -tutu; as $f u$-tu (vi. a, 30, \&c.), and fu-tutu (vi. b, 61), corresponding to es-to, es-tote. Verbs of the $-a$ conjugation seem occasionally to make their imperative in $-a$, like the Latin. See i. b, 33: pune purtinsus, karetu; pufe apruf fakurent, puze erus teria; ape erus ter'ust, pustru kupifiatu: where, though the meaning of particular words may be doubtful, the construction is plain enough : postquam consecraveris (?),
cadito (scil. popa); ubi apris fecerint, ibi preces (? comp. $\dot{a} \rho a ́ \varsigma) ~ d i c a ; ~ q u a n d o ~ p r e c e s ~ d i c a v e r i t, ~ b i t u m i n e ~(? ~ \phi \omega \sigma \tau \rho \hat{\varphi})$ com-piato. We often have the perf. subj. both singular and plural, as may be seen in the example just quoted. The pres. subj. too occasionally appears, the person-ending in the singular being generally omitted, as in arsie for arsies $=a d$-sies, and habia for habeas. The old infinitive, or supine as it is called, is used in Umbrian ; and we often find the auxiliary perfect both in the singular and in the plural. See vi. b, 30: perse touer peskler vasetom est, pesetom est, peretum est, frosetom est, daetom est, touer peskler virseto avirseto vas est: i. e. quoniam bonis precibus vacatum est, pacatum est, paratum est, rogatum est, datum est, bonis precibus vertere, avertere fas est. And we have not only skrehto est, but also skreihtor sent (vi. a, 15). The active participle seems to end both in -ens, like the Latin, and also in -is, like that of the Greek verbs in $-\mu \iota$. The following are the forms of habeo which are found in the Tables:

Pres. Indic.
3. sing. habe $[t]$ (i. b, 18 ; vi. b, 54).

Pres. Subj.
2. sing. habia[s] (v. a, 17).

Pret. Subj.
2. sing. habiest (vi. b, 50) ; habus (habueris) (vi. b, 40).
3. plur. haburent (vii. a, 52).

## Imperat.

2. sing. habitu (vi. a, 19) ; or habetu (ii. a, 23).
3. plur. habituto (vi. b, 51); or habetutu (i. b, 15).

In interpreting the remains of the Umbrian language, it seems advisable, in the present state of our knowledge, that we should confine our attention to those passages
§ 6.
Selections from the Eugubine Tables, with explanations.
which fall within the reach of a scientific philological examination. Grotefend, ${ }^{1}$ indeed, has frankly and boldly presented us with a Latin version of all the Eugubine Tables; but although he has here and there fallen upon some happy conjectures, his performance is for the most part mere guesswork of the vaguest kind, and therefore, for all purposes of scholarship, uninstructive and unsatisfactory. Lassen, by attempting less, has really effected more. ${ }^{2}$

The following extracts are selected from the admirable transcripts of Lepsius, and the arrangement of the Tables is that which he has adopted. The first four Tables, and part of the fifth, are written in the Etruscan or Umbrian character. The others are in Latin letters.

Tab. I. a, 1. This Table and its reverse contain the rules for twelve sacrifices to be performed by the Fratres Atiersii in honour of the twelve gods. The same rules are given in Tables vi. and vii. and in nearly the same words, the differences being merely dialectical; but the latter Tables add the liturgy to be used on the occasion, and also dwell at greater length on the auguries to be employed, \&c. The first Table begins as follows:

> Este persklum aves anzeriates enetu, 2. pernaies pusnaes.

And in VI. a, 11, we have:

[^17]Este persklo aveis aseriater enetu.
There can be little doubt as to the meaning of these words. Este, which is of constant recurrence in the Tables, is the loc. sing. of the pron. est, " that of yours,"=isto, agreeing with persklum or persklo, the locative of persklum =preç-culum, " a prayer." Grotefend derives this noun from purgo, and translates it by "lustrum." But pur-go is a compound of purus and ago (comp. castigo, \&c.), whereas the root pers-, signifying " pray," is of constant occurrence in Umbrian; and every one, however slightly conversant with etymology, understands the metathesis in a case of this kind. It is the same root as prec- in Lat., prach'- in Sanscr., frag-en in Germ., \&c.

The adj. anzeriates or aseriater seems to be rightly explained by Grotefend. The Salian songs were called $a x a-$ menta or anxamenta, from axo=nomino (Fest. p. 8; see Turneb. Advers. xxii. 25), or from anxare $=$ cantare : and Jovis Axur or Anxur, the beardless god of Terracina, seems to have been no other than "Jove's augur," i. e. Apollo; for $\Delta i o ̀ s ~ \pi \rho o \phi \dot{\eta} \tau \eta \varsigma ~ \epsilon ̇ \sigma \tau i ~ \Lambda o \xi i a s ~ \pi a \tau \rho o ́ s ~(Æ s c h y l . ~ E u m e n . ~$ 19). Consequently aves anzeriates are aves quæ cantant vel nominant, i. e. " augurial birds."

Enetu seems to be the imper. of ineo, for in-ito, and signifies indagare or inquirere in.

The adjectives per-naies, pus-naes, are derived from per-ne, post-ne, which are locative forms of the prepositions pree and post, and signify " at the southern and northern side of the temple." The birds are so defined with reference to the practice of the augurs in such cases. See Varro, L. L. vii. § 7, p. 119, Müller: " quocirca cœlum, qua attuimur, dictum templum . . . . Ejus templi partes iv. dicuntur, sinistra ab oriente, dextra ab occasu, antica ad meridiem, postica ad septentrionem."

The meaning of the whole passage will therefore be:
"At that supplication of yours, inquire of the augurial birds, those in the south, as well as those in the north."
§7. Tab. I. a, 2.
Pre-veres treplanes 3. Iuve Krapuvi tre[f] bufifetu, arvia ustentu, 4. vatuva ferine feitu, heris vinu, heri[s] puni, 5. ukriper Fisiu, tutaper Ikuvina, feitu sevum, 6. kutef pesnimu; arepes arves.-Comp. vi. a, 22. Pre-vereir treblaneir Iuve Grabovei buf treif fetu. vi. b, 1. Arvio fetu, uatuo ferine fetu, poni fetu, 3. okriper Fisiu, totaper Iiovina.

The words pre-veres (vereir) treplanes (treblaneir) are easily explained in connexion with (7) pus-veres treplanes, (11) pre-veres tesenakes, (14) pus-veres tesenakes, (20) preveres vehiies, (24) pus-veres vehiies. It is obvious that these passages begin with the prepositions pre, " before," and pus $=$ post, " after," and that they fix the point of time. The prepositions per, signifying "for," and co or $k u$, signifying "with," are placed after the word which they govern: thus we have tuta-per Ikuvina $=$ " pro urbe Iguvina," vocu-com Ioviu=" cum foco Jovio." But the prepositions pre and pus precede, and it seems that they both govern the ablative, contrary to the Latin usage, which places an accus. after ante and post. The word veres (vereir) is the abl. plur. of a noun verus (cf. i. b, 9), corresponding in root and signification to the Latin feria. The $v$ answers to the $f$, as vocus, vas, \&c. for focus, fas, \&c. Lassen (Rhein. Mus. 1833, p. 380, sqq.) refers treplanes, tesenakes, vehiies, to the numerals tres, decem, and viginti. Grotefend, more probably, understands the adjectives as describing the carriages used at the particular feasts. Cato ( $R . R$. c. 135) mentions the trebla as a rustic car-

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case in the Umbrian language ends in -af, -of, -uf, -ef, -if, -eif, according to the stem; and the labial termination may be compared with the Sanscrit and Zend change of $s$ into $u$ at the end of a word (Wilkins, § 51. Bopp, § 76). This is the opinion of Lassen (Rhein. Mus. 1833, p. 377). According to Lepsius and Grotefend, on the other hand, all these words are ablatives; and it is obvious that the termination is more easily explained on this hypothesis. There is not much force, however, in the argument that these words must be ablatives because verbs signifying " to sacrifice" are construed with the ablative in good Latin (Virg. Eclog. iii. 77. Hor. Carm. i. 4, 11). For it is quite clear that abrons is an accusative, like the Gothic vulfans (see Chap. VIII. § 4), and yet we have both abrons fakurent (vii. a, 43) and abrof fetu (vii. a, 3). See also Pott, Et. Forsch.ii. p. 202.

Feitu ( $f e t u$ ) is simply facito, the guttural being softened down, as in ditu for dicito (vi. b, 10, \&c.). ${ }^{1}$

Arvia seems to be the same as the Latin arvina, i. e. "the hard fat which lies between the skin and the flesh" (Servius ad Virg. AEn. vii. 627); and ustentu is probably obstineto, which was the old Latin for ostendito (Festus, p. 197, Müll.).

Vatuva ferine feitu must mean " offer up unsalted meal" (fatuam farinam or fatuá fariná), according to Nonius Marcellus, iv. 291 (quoting Varro, de Vit. Pop. Rom. lib. i.): quod càlend. Jun. et publice et privatim fatuam pultem diis mactat. Grotefend supposes that ferine must mean raw flesh, and not farina, because " bread" (puni) is mentioned in the passage. But in minute directions like these, a difference would be marked between the meal (ä入 $\epsilon v \rho a$ ) and the bread (á $\rho \tau о \varsigma)$; just as the hard fat (arvina) is distinguished from the soft fat (adipes), if the interpretation suggested below is to be admitted.

Heris vinu, heris puni, " either with bread or wine."

[^18]Heris, as a particle of choice, is derived from the Sanscr. root $h r i$, " to take;" Lat. hir, " a hand," \&c.; and may be compared with vel, which is connected with the root of volo, as this is with the root of aipé $\omega$. In fact, heris appears to be the participle of the verb, of which the imperative is heritu (vi. a, 27, \&c.). This verb occurs in the Oscan also (Tab. Bantin. 12, \&c.).

That ocriper (ucriper) Fisiu means "for the Fisian mount" may be demonstrated from Festus, p. 181, Müller: " Ocrem antiqui, ut Ateius philologus in libro Glossematorum refert, montem confragosum vocabant, ut aput Livium: Sed qui sunt hi, qui ascendunt altum ocrim? et: celsosque ocris, arvaque putria et mare magnum. et: namque Tænari celsos ocris. et: haut ut quem Chiro in Pelio docuit ocri. Unde fortasse etiam ocreæ sint dictæ inæqualiter tuberatæ." From this word are derived the names of some Umbrian towns, e. g. Ocriculum and Interocrea (cf. Interamna). The epithet Fisius indicates that the mountain was dedicated to the god Fisius or Fisovius Sansizus (Fidius Sancus), a name under which the old Italians worshipped Jupiter in their mountain-temples. Lassen (p. 388) refers to this temple the following lines of Claudian (de VI. Cons. Honor. 503, 4)

> Exsuperans delubra Iovis, saxoque minantes Apenninigenis cultas pastoribus aras.

He also quotes from the Peutinger inscription: "Iovis Penninus, idem Agubio," where Iguvium is obviously referred to. Lepsius thinks that ocris Fisius was the citadel of Iguvium.

Tota-per (tuta-per) Ikuvina, "for the city of Iguvium." It was always understood by previous interpreters that tuta or tota was nothing more than the fem. of the Lat. totus. But Lepsius has clearly proved that it is both an Oscan and an Umbrian substantive, signifying " city," from which the adj. tuti-cus is derived, as in the name of the magistrate
meddix tuticus, i. e. consul urbanus: consequently tuta-per Ikuvina is simply " pro urbe Iguvina." This substantive, tota or tuta, is, no doubt, derived from the adject. totus; for the idea of a city is that of "fulness," " collection," " entirety." Similarly, the Greek $\pi o ́ \lambda \iota s$ must contain the root $\pi o \lambda-$ ( $\pi o \lambda-\nu \varsigma$ ) or $\pi \lambda \epsilon$ - ( $\pi \lambda \epsilon \in \rho$ ), signifying the aggregation of the inhabitants in one spot. The derivation of the adjective tô-tus is by no means easy; but if we compare it with in-vî-tus (from vel-le), we may be disposed to connect it with the root of the words tel-lus, tol-lo, ter-ra, ter-minus ( $\tau \in \bar{\epsilon} \lambda$-os, $\tau \in ́ \rho-\mu a$ ), \&c. Op-pidum, another name for "city," is only "a plain" (ob-ped-um= $\epsilon \pi i \pi \epsilon \delta o v$ ); and oppido, " entirely" = in toto, is synonymous with plane. The student will take care not to confuse between this tô-tus and the reduplicated form tŏ-tus (comp. to-t-, quŏ-tus, \&c.), which is sufficiently distinguished from it in the line of Lucretius (vi, 652) :

## Nec tŏta pars homo terraï quŏta tôtius unus.

Sevum and kutef are two adverbs. The former signifies " with reverence," and contains the root sev- (sev-erus) or $\sigma \epsilon \beta-(\sigma \epsilon \in \beta \omega)$. The latter is derived from cav-eo, cautus, with the affix $-f=\phi \iota$, and means "cautiously."

The words arepes arves or ariper arvis, which conclude almost every prescription in the first Table, are not very easy. That Grotefend's translation pro ardore s. ustione arvige is inadmissible, every sound philologer must at once concede. The following suggests itself as the most probable solution. It appears that the Umbrian participle generally ended in -es, $-e z$, or $-e i s$, like the old Greek participle of verbs in $-\mu \iota$. Thus we have tases, tasis, and tasez, for tacens. Vesteis, too, is obviously a participle (vi. a, 22). As, then, we constantly find the imperative arveitu for advehito, we may surmise that arves, arvis, is the participle for advehens; and arepes, ariper, on the same
principle, will be adipes; so that the phrase will signify adipes advehens s. porrigens, i.e. "offering up the soft fat."

Accordingly, the translation of the whole passage should run thus: " Before the feast, at which the treble are used, sacrifice three oxen to Jupiter Grabovius, offer up the hard fat, sacrifice with unsalted meal, either with wine or bread, for the Fisian mount, for the city of Iguvium, sacrifice reverently, pray cautiously, holding forth the soft fat of the victims."

The next passage, which deserves notice and admits of a reasonable interpretation, is the following. Many of the intervening sentences, however, are so like that which has just been examined, that they can cause no real difficulty to the student. In i. b, 13, we have

## enumek steplatu parfam tesvam.

The first word is a particle of connexion signifying inde, dein, " then," " in the next place." It is also written inumek, and seems to be compounded of inum (the Lat. enim) and ek; compare the Gothic inuhthis, \&c.

Steplatu, stiplatu, and an-stiplatu, are the imperatives of a verb stiplo or anstiplo, which seems to be of proper application in matters of augury. In old Latin stipulus was synonymous with stabilis (Forcell. s. v. stipulatio): consequently this verb must signify something like stabilio or firmo, which last word is used in speaking of omens (Virgil. Georg. iv. 386).

Parfa, which occurs frequently in the Tables, is the augurial parra, a kind of owl, which the Italians in general call civetta, and the Venetians parruzza; and tesva means on the right: as will appear from the following considerations. At the beginning of the sixth Table we have, among the auspices, parfa kurnase dersua, peiqu peica merstu; which should seem to mean,
parram, cornicem, dextras; picum, picam sinistros. The Roman augurs used to turn their faces to the south; consequently the east was on their left, and the west on their right. The east was in general the seat of good omens; but in certain cases, and with certain birds, the bad omen of the west, or right hand, might be converted into good. They made a distinction between the birds which gave the omen by their note, and those which gave the omen by their flight; the former were called oscines, the latter alites. The parra and the picus were reckoned in both classes, according to Festus (p. 197, Müller). Indeed there must have been some confusion among the augurs themselves, as Cicero seems to admit (de Divin. ii. 39): "Haud ignoro, quæ bona sint, sinistra nos dicere, etiamsi dextra sint; sed certe nostri sinistrum nominaverunt, externique dextrum, quia plerumque melius id videbatur." Lutatius says, that the masculine gender indicates the propitious bird, and the feminine the unpropitious; yet the Umbrians seem to have held the picus and the pica in equal estimation. In constituting a good omen, the Umbrians placed the picus on the left, and the cornix on the right; while Plautus places them both on the left, but the parra on the right, as did the Umbrians (Asin. ii. 1, 11) :

> Impetritum, inauguratum 'st : quovis admittunt aves, Picus, cornix est ab læva; corvus, parra ab dextera.

Prudentius, though not an Umbrian like Plautus, preserves the Umbrian order (Symmach. ii. 570) :

> Cur Cremeræ in campis, cornice vel oscine parra,
> Nemo deûm monuit perituros Marte sinistra
> Ter centum Fabios, vix stirpe superstite in uno?

Comp. also Horat. iii. Carm. xxvii. 1, \&c.
Tesva in the Table means " the right," and may be compared with the Gothic taihsvó. In the Latin Table
it is written dersua, which is nearer to the Lat. dextra. The same change is observable in te $\grave{r} a(\mathrm{i} . \mathrm{b}, 34)$ and dersa (vii. a, 43), which are equivalent to dica, and connected, therefore, with tesva dersva (N. Crat. p. 374). That merstus must mean " propitious" or " salutary," is clear from the passages in which it occurs, as well as from the use of mers. A few lines lower we have (i. b, 18): sve-pis habe purtatutu pue mer's est, feitu uru pere mers est. Comp. vi. b, 54: so-pir habe esme pople portatu ulo pue mers est, fetu uru pirse mers est. The meaning seems to be: si quis habet portatum aliquid ubi salutare est, facito ustionem prout salutare est. The etymology of mer r is quite uncertain. Grotefend connects it with medicus, Lassen with merx.

A complete examination of the whole of the Eugubine Tables does not fall within the limits of this work, and I will only add a few extracts from the Litany in the sixth Table.
VI. a: 22. Teio subokau suboko, 23. Dei Grabovi, okri-per Fisiu, tota-per Iiovina, erer nomne-per, erar nomne-per; fos sei, paker sei, okre Fisei, 24. Tote Iiovine, erer nomne, erar nomne:
i. e. te invocavi invoco, Jupiter Grabovi, pro monte Fisio, pro urbe Iguvina, pro illius nomine, pro hujus nomine; bonus sis, propitius sis, monti Fisio, urbi Iguvince, illius nomini, hujus nomini.
VI. a: 24. Arsie, tio subokau suboko, Dei Grabove:
i. e. adsis, te invocavi invoco, J. Gr.

Arsier, frite tio subokau 25. suboko D. Gr.
Here $f$-rite is written for rite, just as we have $f$-rango by
the side of $\dot{\rho} \eta \boldsymbol{\gamma} \gamma v \nu \mu ; f$-ragen, $f$-luo, as well as rogo, luo ( $\lambda o v ́ \omega)$; $f$-ragum, $\dot{\rho} a \xi ; f$-renum, " rein;" f-rigere, rigere; $\& c$.; and in these tables probably $f$-ri for rus, $f$-rosetom for rogatum, \&c.
VI. a: 26. D. Gr., orer ose, persei okre Fisie pir orto est, toteme Iovine arsmor dersekor subator sent, pusei nep heritu.

This passage is somewhat more difficult. It appears to me that the particles per-sei, pu-sei, mark the opposition of the protasis to the apodosis, " as"-" so," prout-ita. The chief difficulty here is in the word arsmo-r, which, however, occurs very frequently in the Tables. It is clearly the plural of arsmo. If we examine one of the numerous passages in which the word is found, we may be inclined to conjecture that it means a man or functionary of some sort. Thus in vi. a, 32, we have: D. Gr. salvo seritu okrer Fisier, totar Iiovinar nome; nerf, arsmo, veiro, pequo, kastruo, fri, salva seritu; which must surely mean: J، Gr. salvum servato nomen ocris Fisii, urbis Iguvina, salvas servato vires (i. e. nervos) arsmorum, virorum, pecuum, castrorum, ruris. Now Lassen has shewn (Rhein. Mus. 1834, p. 151) that dersecor must be a derivative from disseco, and that, like mergus, vivus, from mergere, vivere, it must have an active signification. We have the verb derseco $=$ dis-seco in the form dersikust, dersikurent (dis-secassit, dis-secaverint). Consequently, arsmor dersecor must mean arsmi dissecantes, or dissicentes (for dissico, 3. conj., see Gronov. Lect. Plautin. p. 87). Subator sent is either subacti sunt or subjecti sunt. On the whole, it is most probable that arsmus means a priest; but whether the word is derived from arceo, because the priest made atonement for the people, or from arcuma, because he rode in the little car so called, is quite uncertain. If this supposition be correct, we shall have no great difficulty in translating the

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mutable elements in every language. It is clear that tuves (duves), tuva (duva), and tris, treia, correspond to duo and tres, tria. Similarly tupler (dupler) and tripler represent duplus and triplus, and tuplak (iii. 14) is duplice. It is obvious, too, that petur is "four," as in Oscan; see vi. b, 10: du-pursus, petur-pursus, i. e. bifariam, quadrifariam. As to the ordinals, prumum is primum, etre (etrama) is alter, and tertie (tertiama) is tertius.

The other words may be given in alphabetical order.
Abrof (apruf) (vii. a, 3) = apros or apris; ager (Tab. xxvii. 21); alfu (i. b, 29) =albus (ả入申ós); ander (anter) (vi. b, 47. i. b, 8) =inter (sim. in Oscan); angla or ankla (vi. a, 1) = aquila (comp. anguis with ${ }_{\epsilon}^{\prime} \chi \iota \varsigma$, und a with $\boldsymbol{v} \delta \omega \rho, \& \mathrm{c}$., see New Cratylus, p. 303); an-tentu (passim) $=$ in-tendito; ar-fertur (vi. a, 3)=affertur; arputrati (v. a, 12) = arbitratu; ar-veitu (i. b, 6) =advehito (cf. arven and arves); asa (vi. a, 9, et passim) =ara; Asiane (i. a, 25) = Asiano; atru (i. b, 29) =ater; aveis (vi. a, 1) = aves.

Bue (vi. a, 26, et passim) = bove.
Der-sikurent (vi. b, 62) = dissecaverint ; ditu (vi. b, 10) = dicito; dupla (vi. b, 18), so also numer tupler (v. a, 19) - comp. numer prever (v. a, 18) and numer tripler (v. a, 21).

Eru (v. a, 26) =erit.
Famerias Pumperias (viii. a, 2)=familice Pompilia ; feraklu (Müller, Etrusk. i. p. 57, note) $=$ ferculum; ferehtru (iii. 16) $=$ feretrum ; ferine (i. a, 4) $=$ farina; frater ( v . b, 11).
Homonus (v. b, 10) =homines.
Ifont (vi. b, 55) =ibunt: the same form occurs in Lucilius Afranius: comp. erafont (vi. b, 65), erahunt (i. b, 23), erarunt (iv. 1); all by-forms of the mutilated future erunt.
Kapire (i. a, 29)=capide, " with a sacrificial jug ;" kaprum
(ii. a, 1) ; karne (ii. b, 1); kastruo (vi. a, 30, et passim) $=$ castrorum ; kuratu (v. a, 24) sve rehte kuratu si=si recte curatum sit; kvestur (v. a, 23) = quastor.
Naratu (ii. a, 8) = narrato (Varro wrote narare); nome (passim) $=$ nomen ; numer (v. a, 17).
Oui (vi. b, 43), uve (ii. 6, 10) = ovis.
Pase (vi. a, 30) $=$ pace ; pater (ii. a, 24) ; pelsana (i. a, 26) $=$ balsamon ; pihakler (v. a, 8)=piaculum ; pihatu (vi. a, 9) $=$ piato ; pir (i. b, 12) $=\pi \hat{v} \rho$, fire ; poplo (passim) $=$ populus; porka (vii. a, 6)=porca; postro (vi. b, 5) $=\phi \omega \sigma \tau \rho \hat{\omega}$; prokanurent (vi. a, 16)=procinerint; proseseto (vi. a, 56) =prosecato ; puemune (iii. 26)=pomona; puprike (iii. 27) = publice ; pustertiu (i. b, 40) = post-tertio.
Rehte (v. a, 24) $=$ recte ; ruphra (i. b, 27) $=$ rubra. Sakra (i. b, 29) ; salvo, salva, \&c. (passim) ; seritu (passim), either creato (New Crat. p. 444), or servato (Müller, Etrusk. i. p. 55) ; sif (i. a, 7)=suibus ; skrehto (vii. b, 3 ) =scriptus; sopo (vi. b, 5)=sapone ; stahitu (vi. b, 56 ) $=$ stato ; struśla (vi. a, 59)=stru-cula, dimin. of strues; subator (vi. a, 27, \&c.) =subacti; suboko (vi. a, $22, \& \mathrm{c}$.) = sub-voco; subra (v. a, 20) =supra; sve (v. a, $24)=$ Osc. suæ, Lat. si; seritu (ii. b, 24), vide seritu; sesna (v. b, 9) = cesna, cœena.
Tafle (ii. a, 12)=tabula; tases (vi. a, 55)=tacens; tekuries (ii. a, 1)=decuria; termnu-ko (vi. b, 53)=cum termino; tio $($ passim $)=t e$.
Uretu (iii. 12) =urito; uvikum (iii. 28) = cum ove.
$\operatorname{Vas}($ vi. a, 28) $=$ fas; vatuva (i. a, 4) =fatua; veiro (vi. a, $30)=$ virorum ; vinu $($ passim $)=$ vinum ; vitlu (ii. a, 21) $=$ vitulus; voku-kom (vi. b, 43) = cum foco.

In the year 1835 a bronze figure of a man in armour was discovered near Todi (Tuder), on the borders of Umbria. The inscription, which was detected on the girdle
of the breast-plate, has been interpreted from the Greek, Latin, and Hebrew languages by a number of different scholars. It appears to me to contain four words, which may be added to the above list, as they are all explicable from the roots of the Latin language. The inscription runs thus:

## AHALTRVTITISPVNVMPEPE.

The word titis occurs in the Eugubine Tables (i. b, 45), and punum is obviously the accusative of punus, another form of pune, punes, puni, which are known to be Umbrian words. It is true that the Latin synonym panis and the Eugubine words belong to the $i$-declension; but that is no reason why we should not have a by-form of the $o$ declension, and that this form actually existed in Messapia is well known (Athen. iii. p. 111 c.: $\pi a \nu o ̀ s ~ a ̈ \rho \tau o s ~$ $M \epsilon \sigma \sigma a ́ \pi \iota o \iota$ ). These two words being removed from the middle, the extremities remain, namely, ahaltru and pepe. With regard to the first it is to be observed that the lengthening of a syllable, by doubling the vowel and inserting the letter $h$, is common in Umbrian (see Leps. de Tabb. Eugub. p. 92, sqq.), and the same practice is often remarked in Latin. Ahaltru, then, bears the same relation to the Latin alter that alala bears to ala, nihil to nil, vehemens to vemens, \&c. It is true that in the Eugubine Tables etre seems to represent the meaning, if not the form of alter; but this is no reason why there should not be the other equally genuine and ancient form alter, or ahalter, which is probably the more emphatic word in that language, and corresponds, perhaps, in meaning to the adjective alienus. The signification of the word pepe suggests itself from the context, and is also supported by analogy. It seems to be a reduplication of the root $p a$ ( $p \hat{a}-n i s, p a-s c o, \pi a-\sigma a ́ \sigma \theta a \iota, \pi a-\tau \epsilon ́ \sigma \mu a \iota, \& c$.), analogous to the reduplication of the root $b i$ ( or $p i, \pi l-v \omega, \& c$.) in $b i-b o$. If the Sabines were a warrior tribe of Umbrians, it is rea-
sonable to conclude that their name for "a warrior" would be Umbrian also; now we know that the Sabine name for " a warrior" was titus (Fest. p. 366, and below, p. 76), and the warrior tribe at Rome was called the Titienses (Liv. i. 13) ; accordingly, as the Umbrian Propertius calls these the Tities (El. iv. 1, 31: Hinc Tities Ramnesque viri Luceresque coloni), ${ }^{1}$ it is not an unfair assumption that titis, pl. tities, was the Umbrian word for " a warrior." The inscription, then, will run thus: " the warrior eats another's bread;" the position of ahaltru being justified by the emphasis which naturally falls upon it. Compare Dante, Paradiso, xvii. 58-60:

> Tu proverai sì come sa di sale
> Lo pane altrui, et com' è duro calle
> Lo scendere e 'l salir per l' altrui scale.

This motto, then, either refers to the practice of serving as mercenaries, so common among the Italians, or expresses the prouder feeling of superiority to the mere agriculturist, which was equally characteristic of the oldest Greek warriors. Compare the scolion of Hybrias the Cretan (ap. Athen. xv. 695 ғ.):







It is also to be remarked that the Lucumones, or "illustrious nobles," among the Tuscans, seem to have distinguished their plebeians as Aruntes (ả $\rho 0 \hat{\nu} \nu \tau \epsilon \varsigma$ ), i. e. mere ploughmen and agricultural labourers (Klenze, Phil. Abhandlung. p. 39, note). In general the prænomen Aruns seems to be used in the old mythical history to designate an inferior person (Müller, Etrusk. i. p. 405).

[^19]
## CHAPTER IV.

## THE SABELLO-OSCAN LANGUAGE.


#### Abstract

§ 1. The remains of the Oscan language must be considered as Sabellian also. § 2. Alphabetical list of Sabello-Oscan words, with their interpretation. § 3. The Bantine Table. § 4. Commentary on the Bantine Table. § 5. The "Atellanæ."


§ 1. The Oscan language is more interesting even than the

The remains of the Oscan language must be considered as Sabellian also. Umbrian, and the remains which have come down to us are much more easily interpreted than the Eugubine Tables. Indeed, as Niebuhr has remarked (i. ad not. 212), " some of the inscriptions may be explained word for word, others in part at least, and that too with perfect certainty, and without any violence." This language had a literature of its own, and survived the Roman conquest of southern Italy. It was spoken in Samnium in the year $459 ;^{1}$ it was one of the languages of Bruttium in the days of Ennius; ${ }^{2}$ the greatest relique of Oscan is the Bantine Table, which was probably engraved about the middle of the seventh century; and the Oscan was the common idiom at Herculaneum and Pompeii, when the volcano at once destroyed and preserved those cities.

Although, as it has been shewn in a previous chapter, the Sabines must be regarded as a branch of the Umbrian stock, who conquered all the Ausonian nations, and though Varro ${ }^{3}$ speaks of the Sabine language as different from the

[^20]Oscan, yet, as all the remains of the Sabine and Oscan languages belong to a period when the Sabellian conquerors had mixed themselves up with the conquered Ausonians and had learned their language, it seems reasonable that we should not attempt, at this distance of time, to discriminate between them, but that, recognising generally the original affinity of the Umbrian and Oscan nations, we should consider the Sabine words which have been transmitted to us, as belonging, not so much to the Umbrian idiom, as to the complex Sabello-Oscan language, which prevailed throughout the whole of southern Italy. And this view of the matter is further justified by the fact, that a great many of these words are quoted, not only as Sabine, but also as Oscan. It is true that some particular words are quoted as Sabine, which are not found in Oscan inscriptions, and not known to be Oscan also ; but we cannot form any general conclusions from such isolated phenomena, especially as a great many of these words are Latin as well. All that it proves is simply this, that there were provincialisms in the Sabine territory properly so called. Still less can we think with Müller (Etrusk. i. p. 42), that the Sabine language is the un-Greek element in the Oscan; for many of these words have direct connexions with Greek synonymes, as Müller himself has admitted. There are no Sabine inscriptions as such. The Marsian inscription, quoted by Lanzi, and which Niebuhr thought unintelligible (i. 105, ad not. 333), is Oscan, if it ought not rather to be called old Latin.

In the following observations, then, for the materials of which I am largely indebted to Professor Klenze (Philologische Abhandlungen, Berlin, 1839), the Sabine and Oscan will be treated in conjunction with one another. Before proceeding to consider the Oscan inscriptions, it may be well to give an alphabetical list.of those words which are cited by old writers as Sabine, Oscan, or both.
§2. Alpus, Sab. Fest. p. 4, Müller: "Album, quod nos dici- mus, a Græco, quod est à $\lambda \boldsymbol{\phi} o ́ v$, est appellatum. Sabini tamen alpum dixerunt."
Aurum, Sab. Fest. p. 9: "Aurum—alii a Sabinis translatum putant, quod illi ausum dicebant." Vide Sol.
Brutus, Osc. " A runaway slave," " a maroon." Strabo, vi. p. 255; Diod. xvi. 15.

Cascus, Casinus, Casnar, Sab. Osc. Varro, L. L. vii. § 28: " Cascum_significat vetus; ejus origo Sabina, quæ usque radices in Oscam linguam egit." § 29: " Item ostendit quod oppidum vocatur Casinum; hoc enim ab Sabinis orti Samnites tenuerunt, et nunc nostri etiam nunc Casinum forum vetus appellant. Item significant in Atellanis aliquot Pappum senem, quod Osci Casnar appellant." These words probably contain the Sanscr. root cas-, " white," which also appears in $\kappa a \theta a$ pós, cas-tus, \&c. Cänus is also to be referred to this class (comp. co-esna, coena, \&c.), and stands related to candidus, as plēnus does to $s$-plendidus. According to Pott (Etym. Forsch. ii. 109), cas-nar is a compound word, containing the roots cas-, " old," and nrŭ, " man." Catus, Sab. Varro, L. L. vii. §46: "Cata acuta; hoc enim verbo dicunt Sabini."
Crepusculum, Sab. Varro, L. L. vi. § 5: "Secundum hoc dicitur crepusculum a crepero. Id vocabulum sumpserunt a Sabinis, unde veniunt Crepusci nominati Amiterno, qui eo tempore erant nati, ut Lucii prima luce. In Reatino crepusculum significat dubium; ab eo res dictæ dubiæ crepera, quod crepusculum dies etiam nunc sit an jam nox, multis dubium." vii. § 77: "Crepusculum ab Sabinis, quod id dubium tempus noctis an diei sit." Comp. Festus, s. v. Decrepitus, p. 71, Müller. The root of this word seems to be contained in the Sanscr. kshapas, Greek $\kappa \nu$ é $\phi$ as (see New Crat. p. 196). Cumba,.Sab. Festus, p. 64: " Cumbam Sabini vocant eam,

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rank." Comp. New Cratylus, p. 413, sqq.; Welcker, Theognis, p. xxxiii.; Lobeck, Aglaopham. p. 1144, not. c., and ad Soph. Aj. 374, 2d edit. The fight between the Horatii and Curiatii probably refers to a contest between the Cūriātii (коv́ $\rho \eta \tau \epsilon \varsigma$ ), " men of the curia, and wielders of the spear, or wearers of the helmet," and the Hŏrātii ( $\chi \epsilon \rho \vee \bar{\eta} \tau \epsilon \varsigma)$, " handicraftsmen," i.e. the lower order, in which contest, as usual, the latter succeeded in maintaining their just rights. In the old tradition it is uncertain which of the two fought for Alba (Liv. i. 24), i.e. whether the Latin or Sabine interest was at that time predominant at Rome. The story about Horatius Cocles admits of a similar interpretation. The Tuscans were repelled at the bridgehead by the three Roman tribes-Lartius (Larth, Lars, "prince" or " king") representing the head-tribe, Herminius the second, and Horatius the third. The meaning of the name Herminius is far from obvious; it does not sound like a Latin name. Since, however, we know that the later Romans converted Herr-mann into Arminius (for the first syllable comp. herus, \&c., and for the second ho-min-, ne-min-, \&c.), we may well suppose that Her-minius represents the same original form, and therefore that, as Lartius typifies the nobles, and Horatius the common people, so Herminius personifies the warriors of Rome. And this explanation of the name is quite in accordance with the meaning of the word Her-min in those Low German languages with which the Sabine and other Italian idioms were so intimately connected. Grimm says (Deutsche Mythol. p. 328, 2d edit.): " die Sachsen scheinen in Hirmin einen kriegerisch dargestellten Wödan verehrt zu haben." We find a further confirmation in the fact, that his name was Titus Herminius; for not only does Titus signify " warrior" (Fest. p. 366, Müller: " Tituli mi-
lites appellantur quasi tutuli, quod patriam tuerentur, unde et Titi prænomen ortum est"), but the Titienses, or Tities, were actually " the Sabine quirites (spearmen)," the second tribe at Rome. By a similar personification, the senior consul, Valerius, commands Herminius, the " warriors," and Lartius the " young nobles;" while the other consul, Lucretius, represents the Luceres, or third class of citizens (Liv. ii. 11). Even Lucretia may be nothing more than a symbol of the third order of the populus; so that her ill-treatment by Sextus will be an allegory referring to the oppression of the Luceres, who often approximated to the plebs, by the tyrannical Etruscan dynasty. It is also singular that Lucretius and Horatius, both representatives of the third class, succeed one another in the first consulship. The prænomen of Spurius Lartius does not appear to be the Latin spurius, " illegitimate," but a Tuscan derivative from super, the first vowel being omitted, according to the Tuscan custom, and the second softened into $u$, as in augur (also perhaps a Tuscan word) for aviger. That Spurius was a Tuscan name appears from the derivative Spurinna.
Cyprus, Sab. Varro, L.L.v. § 159: "Vicus Cyprius (Liv. i. 48) a cypro, quod ibi Sabini cives additi consederunt, qui a bono omine id appellarunt; nam cyprum Sabine bonum." 'The word probably contains the same element as the Persian khub (خوبب), " good" or " fair." Dalivus, Osc. Fest. p. 68: "Dalivum supinum ait esse Aurelius, Æelius stultum. Oscorum quoque lingua significat insanum. Santra vero dici putat ipsum, quem Græci $\delta \in i \lambda a \iota o v, i . e$. propter cujus fatuitatem quis misereri debeat." Comp. Hesych., $\Delta a \lambda i ́ s, \mu \omega \rho o ́ s ;$ and see Blomf. ad $\not$ Esch. Eumen. 318.
Diana, Sab. Vide sub v. Feronia.
Dirus, Umbr. et Sab. Serv. ad An. iii. 235 : "Sabini et

Umbri, quæ nos mala dira appellant." This word seems to be the same in effect as the Gr. $\delta \in \iota \nu o{ }^{\prime} s$.
Famel, Osc. Fest. p. 87: "Famuli origo ab Oscis dependet, apud quos servus famel nominabatur, unde et familia vocata." Comp. Müller, Etrusker, i. p. 38. Benfey (Wurzel-Lex. ii. 20) would connect fa-mel for fag-mel with the Sanscrit root bhag', " to honour;" Sclav. bog, " god;" Russ. bog'-itj, " to honour."
Fasena, Sab. Varro (ap. Vet. Orthogr. p. 2230 r.): "Siquidem, ut testis est Varro, a Sabinis fasena dicitur." p. 2238: "Itaque harenam justius quis dixerit, quoniam apud antiquos fasena erat, et hordeum, quia fordeum, et, sicut supra diximus, hircos, quoniam firci erant, et hadi, quoniam fadi." The ancients, however, often omitted the aspirate in those words which originally had $f$. Quinctil. Inst. Orat. i. 5. §20: "Parcissime ea (aspiratione) veteres usi sunt etiam in vocalibus, cum ados ircosque dicebant." The $f$ is changed into $h$ in the proper name Halesus - the hero eponymus of the Falerians, and founder of Falisci: see Turneb. Adv. xxi. 3. Below, Fedus. For the similar change from $f$ to $h$ in the Romance languages, see New Cratylus, p. 125.
Februum, Sab. Varro, L. L. vi. § 13: "Februum Sabini purgamentum, et id in sacris nostris verbum." Ovid. Fast. ii. 19: "Februa Romani dixere piamina Patres." Fest. p. 85. Also Tuscan; see J. Lyd. de Mens. p. 170. Fedus, Foedus, Sab. Varro, L. L. v. § 97 : "Ircus, quod Sabini fircus; quod illic fedus, in Latio rure edus; qui in urbe, ut in multis a addito, aedus." Apul. de Not. Adspir. p. 94 (Osann.) : "M. Terentius scribit hedum lingua Sabinorum fedum vocatum, Romanosque corrupte hedus pro eo quod est fedus habuisse, sicut hircus pro fircus, et trahere pro trafere." p. 125: "Sabini enim fircus, Romani hircus; illi vefere, Romani vehere
protulerunt." Fest. p. 84: "Fadum antiqui dicebant pro hedo, folus pro olere, fostem pro hoste, fostem pro hostia." Above, Fasena.
Feronia, Sab. Varro, L. L. v. § 74: "Feronia, Minerva, Novensides a Sabinis. Paulo aliter ab eisdem dicimus Herculem, Vestam, Salutem, Fortunam, Fortem, Fidem. Et aræ Sabinam linguam olent quæ Tati regis voto sunt Romæ dedicatæ; nam ut Annales dicunt, vovit (1) Opi, (2) Flora, (3) Vediovi Saturnoque, (4) Soli, (5) Luna, (6) Volcano et Summano, itemque (7) Larunda, (8) Termino, (9) Quirino, (10) Vortumno, (11) Laribus, (12) Diance Lucincque. [The figures refer to the xii. altars, according to Müller's view, Festus, p. xliv.: comp. Etrusk. ii. p. 64.] E quis nonnulla nomina in utraque lingua habent radices, ut arbores, quæ in confinio natæ in utroque agro serpunt: potest enim Saturnus hic de alia causa esse dictus atque in Sabinis, et sic Diana, et de quibus supra dictum est."
Fides, Sab. Above, s. v. Feronia.
Fircus, Sab. Above, Fedus.
Flora, Sab. Above, s. v. Feronia.
Fors, Fortuna. Ibid.
Gela, Opic. Steph. Byzan. voc. $\Gamma$ е́ $\lambda a:$-ó $\delta$ è moтанòs


Hercules, Sab. Above, s. v. Feronia.
1 Herna, Sab. et Marsic. "A rock." Serv. ad Virg. An. vii. 684. Compare коа⿱-aós, кápav-ov; Gael. carn; Irish, cairneach; Sclav. kremeni.
Idus, Sab. Varro, L. L. vi. § 28: "Idus ab eo quod Tusci itus, vel potius quod Sabini idus dicunt." Irpus, Sab. et Samn. Serv. ad An. xi. 785: "Nam lupi Sabinorum lingua hirpi vocantur." Fest. p. 106: "Irpini appellati nomine lupi, quem irpum dicunt Samnites; eum enim ducem secuti agros occupavere."


 $\lambda \dot{v} \kappa о \nu . ~ C o m p a r e ~ t h e ~ S a n s c r i t ~ v r u ̌ k a s ; ~ a n d ~ s e e ~ N e w ~$ Cratyl. p. 349.
Jupiter, Sab. v. Feronia.
Lares, Sab. v. Feronia.
Larunda, Sab. v. Feronia.
Lepesta, Sab. Varro, L. L. v. § 123: " Dictæ lepesta, quæ etiam nunc in diebus sacris Sabinis vasa vinaria in mensa deorum sunt posita; apud antiquos scriptores inveni appellari poculi genus $\lambda \epsilon \pi a \sigma \tau a ́ v$, quare vel inde radices in agrum Sabinum et Romanum sunt profecte."
Lixula, Sab. Varro, L. L. v. § 107: "Circuli, quod mixta farina et caseo et aqua circuitum æquabiliter fundebant. Hoc quidem qui magis incondite faciebant, vocabant lixulas et semilixulas vocabulo Sabino, itaque frequentati a Sabinis."
Lucetius, Osc. Serv. ad En. ix. 570: "Lingua Osca Lucetius est Jupiter dictus, a luce quam prestare dicitur hominibus."
Lucina, Luna. v. Feronia.
Masius, Ósc. Fest. p. 136: " Masius lingua Osca mensis Maius."
Mamers, Osc. et Sab. Fest. p. 131: "Mamers, Mamertis facit, i. e. lingua Osca Mars, Martis, unde et Mamertini in Sicilia dicti, qui Messanæ habitant." id. p. 158: " Et nomen acceperunt unum, ut dicerentur Mamertini, quod conjectis in sortem duodecim deorum nominibus, Mamers forte exierat; qui lingua Oscorum Mars significatur." id. p. 131: "Mamercus prænomen Oscum est ab eo, quod hi Martem Mamertem appellant." Varro, L. L. v. §73: " Mars ab eo, quod maribus in bello præest, aut quod ab Sabinis acceptus, ibi (ubi ?) est Mamers." The word má-mers is easily expli-
cable from the roots of the Latin language as "manslayer." Mars is probably a contraction of $\overline{\text { Máarors }}$, " man-protector." Compare $\Lambda a-F{ }^{\prime} \rho \tau \eta s$; and see New Crat. p. 411.
Meddix, Osc. Liv. xxvi. 6: "Medix tuticus summus apud Campanos magistratus." Comp. xxiv. 19. (The old reading was mediastaticus.) Fest. p. 123: " Meddix apud Oscos nomen magistratus est." Ennius: "Summus ibi capitur Meddix, occiditur alter" (Annal. viii. 73). In this passage from Ennius, Dacier reads unus for summus. This appears unnecessary: Meddix occurs in the Oscan inscriptions. with the epithets degetasius, fortis, and tuticus; summus may be another epithet of the same kind. The word Meddix appears to be connected in origin with the Greek $\mu \epsilon \in \delta \omega \nu$. The proper name Mettius (Fest. p. 158), or Mettus (Liv. i. 23), seems to have been this word Meddix. At least Livy says that Mettus Fuffetius was made dictator of Alba; and Festus speaks of Sthennius Mettius as princeps of the Samnites. So, also, we have meateis OYøеNг (Meddix Ufens) in the inscription given by Castelli di Torremuzza, Sicil. vet. Inscr. v. 45, p. 55 : see Müller, Etrusk. ii. p. 69, note. In somewhat later times the Sabello-Oscans called their dictator by the name embratur, which is evidently a shortened form of the Latin im-perator, or indu-perator. Liv. viii. 39; ix. 1; x. 29. Oros. v. 15: "Postquam sibi Samnites Papium Mutilum imperatorem præfecerant." Similarly we have coins with the Oscan inscription, $G$. Paapi G. Mutíl Embratur; which refer to the time of the Social War, when the forces of the confederacy were divided into two armies, each under its own imperator, the Marsi being under the orders of $\boldsymbol{Q}$. Popredius Silo, the Samnites having for their leader
this Gaius Papius Mutilus, the son of Gaius. Of tuticus, see below.
Minerva, Sab. v. Feronia.
Multa, Osc. et Sab. Fest. p. 142: "Multam Osce dici putant pœnam quidam. M. Varro ait pœnam esse, sed pecuniariam, de qua subtiliter in lib. i. quæstionum epist. i. refert." Cf. p. 144. s. v. Maximam multam. Varro, apud Gell. xi. 1: " Vocabulum autem ipsum multce idem M. Varro uno et vicesimo rerum humanarum non Latinum sed Sabinum esse dicit, idque ad suam memoriam mansisse ait in lingua Samnitium, qui sunt a Sabinis orti."
Nar, Sab. Virg. $\boldsymbol{\notin n}$.vii. 517 : "Sulfurea Nar albus aqua." Ubi Serv.: "Sabini lingua sua nar dicunt sulfur.".
Ner, nerio, Sab. Suet. Vit. Tiber. i.: "Inter cognomina autem et Neronis adsumpsit, quo significatur lingua Sabina fortis ac strenuus." Gell. xiii. 22: "Nerio a veteribus sic declinatur, quasi Anio; nam proinde ut Anienem, sic Nerienem dixerunt, tertia syllaba producta; id autem, sive Nerio sive Nerienes est, Sabinum verbum est, eoque significatur virtus et fortitudo. Itaque ex Claudiis, quos a Sabinis oriundos accepimus, qui erat egregia atque præstanti fortitudine Nero appellatus est. Sed id Sabini accepisse a Græcis videntur, qui vincula et firmamenta membrorum $\nu \in \hat{v} \rho a$ dicunt, unde nos quoque nervos appellamus." Lydus, de Mens. iv. 42. Id. de Magistr. i. 23. Compare the Sanscr. nrй; and see above, p. 74, s. v. Cas-nar.
Novensides, Ops. Sab. v. Feronia.
Panos, Messap. Athen. iii. p. 111 c : tavòs ä $\rho$ тos $M \epsilon \sigma-$ бámıo८. This is a confirmation of punus for panis in the Umbrian inscription.
Petora, petorritum, Osc. Fest. p. 206: "Petoritum et Gallicum vehiculum est, et nomen ejus dictum esse

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habebant, et pro ceni[s vespernas antiqui]." Comp. Paul. Diac. in p. 338.
Sol, Sab. v. Feronia; see also Varro, L. L. v. § 68; add Fest. p. 20: "Aureliam familiam, ex Sabinis oriundam, a Sole dictum putant, quod ei publice a populo Romano datus sit locus, in quo sacra faceret Soli, qui ex hoc Auseli dicebantur, ut Valesii, Papisii, pro eo quod est Valerii, Papirii." It would seem from this that the Sabine name for the Sun was Selius, i.e. $\bar{\eta} \lambda \iota o s$, with the usual substitution of the sibilant for the aspirate. The first syllable signifies "to burn," as in Greek. On an Etruscan mirror Usil appears as the name of a figure armed with a bow, which probably represents Apollo; and this would seem to confirm Müller's suggestion (see Berlin. Jalrbuicher, August 1841, p. 222, note) that the whole word Ausil was the name of the Sun-god in the Sabine, and perhaps also in the Etruscan language.
Sollo, Osc. Fest. p. 298: "Sollo Osce dicitur id quod nos totum vocamus. Lucilius: vasa quoque omnino redimit, non sollo dupundi, i.e. non tota. Idem Livius. Sollicuria, in omni re curiosa. Et solliferreum genus teli, totum ferreum. Sollers etiam in omni re prudens [comp. Sanscr. sarvârtha]; et sollemne, quod omnibus annis præstari debet."
Strebula, Umbr. Fest. p. 313: "Strebula Umbrico nomine Plautus appellat coxerdices quas $\mathrm{G}\left[\mathrm{ræci} \mu \eta{ }^{\prime} \rho \iota a\right.$ dicunt, quæ] in altaria in[poni solebant, ut Plau]tus ait in Fri[volaria]." Varro, L. L. vii. § 67: "Stribula, ut Opilius scribit, circum coxendices sunt bovis; id Græcum est ab ejus loci versura." Arnob. adv. Gent. vii. 24: " Non enim placet carnem strebulam nominari quæ taurorum e coxendicibus demitur."
Strena, Sab. Elpidian., ap. Lyd. de Mens. iv. 4: ó $\delta$ è ${ }^{\text {E }}$ 人-
 $\sum a \beta i v \omega \nu \phi \omega \nu \hat{\imath} \hat{\lambda} \lambda \epsilon \in \gamma \sigma \theta a l \phi \eta \sigma \iota \nu$. Comp. Symmach. Ep. x. 35; Festus, p. 313; and the Germ. strenge, Engl. strong, Lat. strenuus, Gr. $\sigma \tau \rho \eta \nu \eta{ }^{\prime} s, \sigma \tau \rho \hat{\eta} \nu o s, \& \dot{c}$.
Suinmanus, Sab. v. Feronia.
Supparus, Osc. Varro, L.L.v. § 131 : "Indutui alterum quod subtus, a quo subucula; alterum quod supra, a quo supparus, nisi id, quod item dicunt Osci."
Tebs, Sab. Varro, R. R. iii. 1, 16: " Nam lingua prisca et in Græcia Æoleis Bœotii sine afflatu vocant collis tebas; et in Sabinis, quo e Græcia venerunt Pelasgi, etiamnunc ita dicunt; cujus vestigium in agro Sabino via Salaria non longe a Reate milliarius clivus appellatur Thebe." The word therefore, according to Varro, was Pelasgian as well as Sabine.
Terenum, Sab. Macrob. Sat. ii. 14: "A tereno, quod est Sabinorum lingua molle, unde Terentios quoque dictos putat Varro ad Libonem primo." Comp. the Gr. тє́ $\rho \eta \nu$. Terminus, Sab. v. Feronia.
Tesqua, Sab. Schol. Hor. Epist. i. 14, 19: "Lingua Sabinorum loca difficilia et repleta sentibus sic (tesqua) nominantur."
Tuticus, Osc. Liv. xxvi. 6: "Medix tuticus." The Itinerarium Hierosolym. explains the name of the city Equus-Tuticus, which Horace could not fit to his verse (i. Sat. 5,87 ), by equus magnus. Though it is possible, however, that tuticus might in a secondary application bear this signification, it is more probable that it is the adj. from tuta $=$ civitas, and that it means publicus or civicus.
Trabea, Sab. Lydus de Mens. i. 19.
Trafere, Sab. Above, s. v. Fedus.
Trimodia, Sab. Schol. Hor. Serm. i. 1, 53: "Cumeræ dicuntur vasa minora quæ capiunt quinque sive sex modios, quæ lingua Sabinorum trimodia dicuntur."

Ungulus, Osc. Fest. p. 375: " Ungulus Oscorum lingua anulus." Comp. Plin. H. N. xxxiii. 1.
Vedius, Sab. v. Feronia. Vefere, Sab. v. Fedus.
Veia, Osc. Fest. p. 368: "Veia apud Oscos dicebatur plaustrum."
Vesperna, Sab. v. Scensa.
Vesta, Volcanus, Vertumnus, Sab. v. supra, sub v. Feronia.
§3. The most important fragment of the Oscan language is carved on a bronze tablet, which was found in the year 1793 at Oppidum, on the borders of Lucania, and which is called the Tabula Bantina on account of the name Banse occurring in the inscription, which seems to refer to the neighbouring city of Bantia in Apulia. On the other side is a Latin inscription, which will be considered in its proper place.

The Oscan Bantine inscription contains thirty-three lines or fragments of lines. Of these lines four to twentysix are complete at the beginning; and lines twelve to thirty have preserved the ends entire: consequently there are some twelve or fourteen lines which may be read throughout. Of course, the certainty and facility of the interpretation vary materially with the completeness of the fragment; and while many passages in the intermediate lines may be made out almost word for word, we are left to mere conjecture for the broken words and sentences at the beginning and end. The following is a copy of the Table.

2. . . . . . mus . q . moltam . angit . u 3. . . . deiv . ast . maimas . carneis . senateis . tangi

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17. zicolom . xxx . nesimum . comonom . ni . hipid . suae . pis . contrud . exeic . fefacust . ionc. suae. pis.
18. herest . meddis . moltaum . licitud . ampert . mistreis.aeteis.eituas.licitud. pon.censtur.
19. Bansae . tautam . censazet . pis . ceus . Bantins . fust . censamur . esuf . in . eituam . poizad. ligud.
20. aisc. censtur . censaum . anget. uzet . aut. suae . pis . censtomen . nei . cebnust . dolud. mallud.
21. in . eizeik . vincter . esuf . comenei . lamatir . prmed . dixud . toutad . praesentid. perum . dolum .
22. mallom . in . amiricatud . allo . famelo . in . ei . sivom • paei . eizeis . fust . pa . ean . censto . ust .
23. toutico.estud. pr.suae.praefucus.pod. post. exac. Bansae . fust . suae . pis . op . eizois.com .
24. atrud . . . ud . acum . herest . auti . prumedicatud . manimasepum . eizazunc • egmazum.
25. pas . ex . aiscen . ligis . scriftas . set . nep . him. pruhipid. mais . zicolois . x . nesimois . suae . pis . contrud.
26. e.reic . pruhipust . molto . etanto . estud. n . (1) . in . suae . pis. ionk. meddis . moltaum . herest. licitud.
27. . . . minstreis . aeteis . eituas . moltas . moltaum.licitud pr.censtur. Bansae


In the first line we have only the word $\operatorname{liki}[t] u[d]$, ${ }^{1}$ i.e. liceto, which occurs in five other passages, and also in the Cippus Abellanus.

In l. 2 we read: Q. moltam angit. u. Q. is the common abbreviation for quœstor, whose business it was to collect such fines: compare Mus. Yer. p. 469 : qvaistores - . . . are . mvltaticod . dederont. We have seen above that multi s. molt is recognised as a SabelloOscan word; and it is of course equivalent to the Latin multa. As anter is the Oscan form of inter, we might suppose that an-git. $u$ was for in-igit.o. But a comparison of the Oscan inscriptions xxiv. 18 (p. 71 Leps.), meddiss degetasiús araget, and xxvii. 38 (p. 86 Lees.), meddis degetasis aragetud multas (which are obviously, with the common change of $d$ to $r$, meddix degetasius adige and meddix degetasius adigito multas), would rather shew that angit. $u[d]$ is an abbreviation of adigito, the dental liquid representing the dental mute.
L. 3: deivast maimas karneis senateis tangi... The

[^21]first word is the conjunctive of divavit, which occurs in the inscription quoted by Lanzi (Saggio, iii. p. 533), and we have the imperative deivatud in 1.5, deivatuns in 1. 9, and deivaid in l. 11. Deivo must mean " to divide" or " distribute," if we may judge from the context in this passage and in Lanzi's inscription, which runs thus: v. atil divavit tUNiI IRINII II. T. IRINII PATRII DONO MIILL I. LIb : . . T. Maimas karneis must mean maximas carnes, as mais in ll. 15, 25, signifies magis: comp. the French mais. The mutilated tangi... was probably tanginud (1.7), an ablative case, corresponding to the accus. tanginom (l.9). We have the same phrase, senateis tanginud, in the Cippus Abellanus, i. 8 ; and it is probably equivalent to the de senatuos sententiad of the senatus-consultum de Bacchanalibus. If so, the root tag- (with nasal insertion ta-n-g-) occurred in Oscan as well as in Greek.
L. 4: suæ pis pertemust. The first two words, suce pis, i. e. si quis, àre of cónstant occurrence in this Table. For the form of sua=si, see New Cratylus, p. 274. So suad $=\operatorname{sic}$ (Müller, Suppl. Ann. in Fest. p. 411). Pertemust is the perf. subjunctive of a verb pertimere, which seems to mean " to portion off" or " divide:" comp. pertica, \&c. In l. 7 it is used with maximas karneis; and it is therefore, perhaps, not unlike deivo in meaning.
L. 5: komonei seems to be the genitive of a word comunus, synonymous with com-munis, and designating the ager publicus, i. e. тò ко九ขóv. Perum dolum mallom siom $=$ per dolum malum suum. The preposition per-um seems to be a compound like its synonyme am-pert (12, \&c.). Iok komo[no] is perhaps hoc com-unum: ionc stands in this inscription for hunc.
L. 6: -kas amnud. In Lepsius' transcript this is written as one word; but in the original there is a vacant space between the two, and -kas is clearly the end of some mutilated word, the beginning of which was broken off from the

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instance of this in the demonstrative $h i-c$, the neut. pl. of which is hac, not la-ce or ha. Now as this form has become ha-c in posthac, and as qua-ce has become qua, we may understand that, as que-propter becomes quāpropter, so ante-ea-ce, or ante-eac, might become ant'ea ; and so of the others. At least, there is no other way of explaining the neuter forms qua and hac. Post-esa-k is therefore a synonyme for post-hac = post-hac:
L. 10: pod valœmom toutikom tadait ezum nep fepakid pod pis dat, i. e. [si quis fecit] quod salutem publicam tardet, illud neque fecit, quod quis dat [faciendum]. Tadait appears to contain the root of tedet, which is connected in sense and etymology with tardus; the $r$ is only an assimilation to the $d$. Similarly we have pigere interdum pro tardari, Festus, p. 213, Müller. Fepakid is only an error for fefakid, like docud for dolud in the next line. We see from this and the conjunctive fefakust, which follows, that the Oscans formed the preterite of facio by reduplication, and not by lengthening the root-syllable (New Crat. p. 463).

The passage from l. 11 to the end of the paragraph may be supplied and explained as follows: suce pis contrud eseik fefäkust, auti komono hip[id], [molto] [etan]to estud n. (1) (1., in su® pis ionk fortis meddis moltaum herest ampert mi[nstreis ei]teis eituas moltas moltaum likitud: i. e. si quis adversus hac fecerit, aut com-unum (i. e. agrum publicum) habeat (i. e. possideat), multa tanta esto numi cı.cı, inde si quis hunc validus magistratus multare voluerit per ministros atuos (?) diribitorii (?) multas multare liceto. It is easy to restore molto etanto from l. 26 infra. Multa tanta refers to what has preceded, like the siremps lex esto of the Roman laws. The sum is denoted by the numeral sign, which was subsequently represented by cio, just as ir.s. became н.s. Fortis meddix = validus magistratus (see Festus, p. 84, s. v. forctes), in other words, " a magistrate of sufficient authority." Molta-um is the old infinitive of
multo. Herest is the second perf. of a verb hero, " to choose" or " take" (root hir, "a hand," Sanscr. hrŭ), which occurs in the Umbrian Tables with a slight variety of meaning. In the Latin Bantine Table (l. 7) we have quei volet magistratus in a parallel clause. That ampert is a preposition is clear, and it is also obvious that it signifies " by" or " through;" but that it is to be referred to $\dot{a} \mu \phi i$ $\pi \epsilon \rho i$, as Grotefend proposes, is not so manifest. I should rather think that pert is a termination here, as in petiropert (l. 15) ; and if so, it qualifies the prepos. am, corresponding to the German um, which is also used with qualifying terminations, whether prepositional or otherwise: compare the Latin ad-versus, \&c. Minstreis ateis is supplied from ll. 18, 27. The word minis-ter is the correlative of magis-ter ; and as magistri or magistratus were the higher public functionaries, so ministri were those who did the state service in a subordinate capacity -lictores, viatores, and such like. The adjective reteis, and the word eituas, occur again in 1.18 without moltas; and it is clear, therefore, that eituas is not an adjective agreeing with moltas, but rather that it is a gen. depending on minstreis. The meaning of these words is altogether uncertain. Klenze takes eituas for istas ; and Grotefend translates it ararii. It is possible that $a$-teis may be derived from $a s$; in which case we shall have $a[s]$ tuus by the side of as-timus (preserved in as-timo: see below, Ch. VII. §5), just as we have both redi-tuus and adi-timus (Festus, p. 13). The word eitua may be connected with the root $i t$ - or $f i d$, " to divide" or " distribute." It will be recollected that idus was a Sabine, itus a Tuscan word: Varro, L. L. vi. § 28.
L. 13 : suce pis pru-meddisud altrei castrous-uci eituas zikolom dicust, izik komonom hipid: i. e. si quis pra magistratu alius . . . sicilicum dicaverit, sic comunum habeat. Prumeddisud seems to be much the same as prumedikatud, l.24.

Pru stands for pra: so we have pruter (1. 16), pruhipid (l. 25), for preter, prahibeat. The ziculus, mentioned in this and other passages of the Table, seems to be the sicilicus (from seco), which was, in land-measuring, $\frac{1}{48}$ of the juger, or six hundred square feet (Columella, v. 1, 9): in general it expressed subdivision, and was $\frac{1}{48}$ of the as, or $\frac{1}{4}$ of the semuncia in money-reckoning (Fest. p. 366; Sicilicum dictum quod semunciam secet, Labh. Gloss.; Sicilicum, тє́тарто⿱ оủүкías, Böckh, Metrolog. Untersuchung. p. 160), and also $\frac{1}{48}$ of the quinaria (Frontin. de Aquad. c. 28), and of the hora (Plin. xviii. 32).
L. 14: ne donop . toutad . petirupert . urust sipus p.d.m. The first words here are very obscure. Klenze joins optoutad, which he translates propterea. Petirupert seems to coincide with the Umbrian petur-pursus (Eug. Tab. vi. b. 11), i. $\epsilon$. quadri-fariam. Urust is the second perf. of urvo s. urbo $=$ aratro definio, circumdo (Fest. p. 375 ; Pomponius, L. 239, § 6, de Verb. Signif.), whence urbs, and perhaps orbis. Sipus p.d.m., " knowingly and with evil design." Sipus=sibus, for which see Fest. p. 336.
L. 15: petiro-pert neip mais pomtis = quater neque magis quintis [vicibus]. Ibid.: kom preivatud aktud=cum privato actu. Fest. p. 17: "Actus in geometria minorem partem jugeri, id est centumviginti pedum." Niebuhr, Hist. of Rom. ii. append. i. ad not. 29: "The jugerum, as the very name implies, was a double measure; and the real unit in the Roman. land-measure was the actus, containing 14,400 square feet, that is, a square of which each side was 120 feet."
L. 16: pruter pam=prater-quam.
L. 18, sqq.: pon. kenstur. Bansa. tautam. kensazet. pis. keus. Bantins. fust . leensamur . esuf. in . eituam. poizad. ligud. aisk. kenstur. kensaum. anget . uzet . aut. sua. pis. kenstomen. nei. kebnust. dolud. mallud. in . e . izeik. vinkter . esuf . comenei . lamatir . pr . med . dixud.

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to be penset, a form of pendo. The analogy is supported by the French poids for pondus, \&c. Ligud aiske=lege hac, just as below, 25. es aisken ligis must mean ex hisce legibus. The next sentence may be rendered: censitor censitum (i.e. ad censendum) adiget, urgebit; aut si quis censum illum non compleverit (?) dolo malo, inde is statim vincitor. It is hardly possible to understand kenstom . en . except as an abbreviation of the two words censtom enom, the latter being the same pronoun which appears in Latin, in the locative case, as the conjunction enim, Sanscrit êna (New Crat. p. 216). Grotefend's supposition that it is a noun in -men, like the Umbrian esunumen, is inadmissible, because in that case the word must have been censamen. The interpretation of kebnust $=$ kebnuerit is of course conjectural only; and though there is one etymology by which it might be made to bear the signification which I have given it, yet in a matter of so much uncertainty it is better to leave it as it is. E.izeic seems to stand for Eso izeic, i. e. is sic (statim, illico). The Oscans seem to.have a verb vinco, " to bind," which the Romans imply by their vinxi, the form in -io having perhaps come into vogue by way of distinction from vinco, root vic. Of the next words we cannot make much. Prmed . disud perhaps stands for pro meddixud = pro medicatud (l. 24) =pro magistratu. Tou tad prasentid= civitate prasente? In . amirikatud allo . famelo $=$ inde emercato alium famulum? We know from Festus that famel was an Oscan word. Pa ean kensto ust, toutiko estud = qua eam censitor urget, publicum esto?
L. 23: Pr. sua. prafulcus. pod. post. es sak. Bansa. fust: i. e. prator sive prafectus, quando post-hac Bantia fuerit. Prefucus is formed from preficio, in the same way as the Umbrian der-secus from dis-seco. L. 23, sqq.: suce pis op-eizois kom atrud. . . ud akum herest, auti prumedikatud manimasepum . . eizazunk eg mazum pas e̊ aisken ligis skriftas set ne . phim pruhipid mais zikolois . x. nesi-
mois, \&c.: i. e. si quis ob hec cum atro . . o agere voluerit, aut pre magistratu mancipium istloc elocare (?), quas ex hisce legibus scriptas sciet, ne in hoc prahibeat magis sicilicis decem contiguis (below, Chap. VII. §6), \&c. Eg-mazun seems to answer to the Greek $\dot{\epsilon} \kappa-\mu \iota \sigma \theta o \hat{v} \nu ; \mu \iota \sigma \theta$ ós, miethe, \&c. run through this family of languages. The Table has ne.phim; I would rather read nep him: nep is used in an absolute prohibition in Umbrian (Tab. Eug. vi. a, 27), and him appears to be the locative of the pronoun $h i$ (see New Crat. p. 173). The rest of the paragraph has been explained before.

There is nothing in the last paragraph which seems to require any observation, except that in l. 29 tribunes of the plebs seem to be mentioned: tr. pl. ni fuid= $=$ nisi fuit tribunus plebei.

It seems scarcely worth while to enumerate the grammatical forms which may be collected from this inscription, as they are virtually the same with those which occur in the oldest specimens of Latin. It may be desirable, however, before concluding this part of the subject, to make a few remarks on the Fabule Atellance, the only branch of Oscan literature of which we know any thing.

The most important passage respecting the Fabule Atellana,- that in which Livy is speaking (vii. 2) of the introduction of the Tuscan ludiones at Rome in the year A. U.c. 390 , - has often been misunderstood; and the same has been the fate of a passage in Tacitus (iv. 14), in which the historian mentions the expulsion of the actors from Italy in the year A. U.c. 776. With regard to the latter, Tacitus has caused some confusion by his inaccurate use of the word histrio; but Suetonius has the phrase Atellanarum histrio (Nero, c. 39); and the word had either lost its earlier and more limited signification, or the Atellanæ were then performed by regular histriones.

Livy says that, among other means of appeasing the anger of the gods in the pestilence of 390 A. U.c., scenic games were for the first time introduced at Rome. Hitherto the Romans had had no public sports except those of the circus-namely, races and wrestling; but now this trivial and foreign amusement was introduced. Etruscan ludiones danced gracefully to the sound of the flute without any accompaniment of words, and without any professed mimic action. Afterwards, the Roman youth began to imitate these dances, and accompanied them with unpremeditated jests, after the manner of the Fescennine verses; these effusions gave way to the satura, written in verse and set to the flute, which was acted by professed histriones with suitable songs and gestures; and then, after a lapse of several years, Livius Andronicus ventured to convert the satura into a regular poem, and to make a distinction between the singing (canticum) and the dialogue (diverbia), the latter alone being reserved to the histrio. Upon this, the Roman youth, leaving the regular play to the professed actors, revived the old farces, and acted them as afterpieces (exodia) to the regular drama. These farces, he expressly says, were of Oscan origin, and akin to the Fabula Atellana; and they had the peculiar advantage of not affecting the civic rights of the actors.

It is manifest from this passage that the Roman youth were not satisfied with either the Tuscan or the Greek importations, and that it was their wish to revive something not foreign, but national. Of course Livy cannot mean to say that the Oscan farce was not introduced at Rome till after the time of Livius Andronicus Muso, and that it was then imported from Atella. For whereas Muso did not represent at Rome till the second Punic war, ${ }^{1}$
${ }^{1}$ Porcius Licinius, apud Aul. Gell. xvii. 21 :
Pœnico bello secundo Muso pinnato gradu Intulit se bellicosam in Romuli gentem feram.

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ments which have come down to us is pure Latin, ${ }^{1}$ and Tacitus describes the Atellana as "Oscum quondam ludicrum." ${ }^{2}$ Probably, till a comparatively late period, the Atellana abounded in provincial and rustic expressions; ${ }^{3}$ but at last it retained no trace of its primitive simplicity, unless we are to seek this in the gross coarseness and obscenity, ${ }^{4}$ which seem to have superseded the old-fashioned elegance of the original farce. ${ }^{5}$
${ }^{1}$ See Diomed. iii. pp. 487, 488, Putsch.
${ }^{2}$ Ann. iv. 149. ${ }^{3}$ Varro, L. L. vii. §84, p. 152.
${ }^{4}$ Schober, über die Atellan. Schauspiele, pp. 281, sqq.
${ }^{5}$ Donat. de Trag. et Com. "Atellanæ salibus et jocis compositæ, quæ in se non habent nisi vetustam elegantiam." The Atellana as well as the comedia of the Romans derived many of its later features from the Doric farces of the Greeks : see Muller, Hist. Lit. Gr. ch. xxix. § 5 (vol. ii. p. 43, note).
§ 1. Transcriptions of proper names the first clue to an interpretation of the Etruscan language. §2. Names of Etruscan divinities derived and explained. § 3. Alphabetical list of Etruscan words interpreted. § 4. Etruscan inscriptions - difficulties attending their interpretation. § 5. Inscriptions in which the Pelasgian element predominates. §6. The great Perugian Inscription analysed. §7. General reflections.

It will not be possible to investigate the remains of the Etruscan language with any reasonable prospect of success, until some scholar shall have furnished us with a body of inscriptions based upon a critical examination of the originals; and even then it is doubtful if we should Transcriptions of proper names the first clue to an interpretation of the Etruscan language. have a sufficiently copious collection of materials. The theory, however, that the Etruscan language, as we have it , is a Pelasgian idiom corrupted and deformed by contact with the Umbrian, is amply confirmed by an inspection of those remains which admit of approximate interpretation.

The first great clue to the understanding of this mysterious language is furnished by the Etruscan transcriptions of well-known Greek proper names, and by the Etruscan forms of those names which were afterwards adopted by the Romans. This comparison may at least supply some prima-facie evidence of the peculiarities of Tuscan articulation, and of the manner in which the language tended to corrupt itself.

It is well known that the Etruscan alphabet possessed no media, as they are called. We are not, therefore, sur-
prised to find, that in the transcriptions of Greek proper names the Etruscans have substituted tenues. Thus, the Greek names, ’’A and Подvбєúкךs, are written Atresthe, Tute, Utuze, Melakre, and Pultuke. But the change in the transcription goes a step further than this; for though they actually possessed the tenues, they often convert them into aspirata. Thus, 'Aүанє́ $\mu \nu \omega \nu,{ }^{\prime \prime} A \delta \rho a \sigma \tau о \varsigma, \Theta^{\prime} \tau \iota \varsigma ; ~ \Pi \epsilon \rho \sigma \epsilon \cup ́ s, ~ \Pi о-$ $\lambda \nu \nu \epsilon i \kappa \eta \varsigma, T \hat{\eta} \lambda \epsilon \phi \circ \varsigma$, become Achmiem, Atresthe, Thethis, Pherse, Phulnike, Thelaphe. In some cases the Greek tenues remain unaltered in the transcription, as in $\Pi \eta$ $\lambda \epsilon u ́ s, P e l e ; ~ \Pi a \rho \theta є v o \pi a i ̂ o s, ~ P a r t h a n a p e ; ~ K a ́ \sigma \tau \omega \rho, ~ K a s-~$
 transferred, as in 'A $\mu \phi \iota \alpha ́ \rho a o s, ~ A m p h i a r e$. These transcriptions of Greek names supply us also with a very important fact in regard to the Etruscan syllabarium: namely, that their liquids were really semi-vowels; in other words, that these letters did not require the expression of an articulation-vowel. It has been shewn elsewhere ${ }^{1}$ that the semi-vocal nature of the liquid is indicated in most languages by the etymological fact, that it may be articulated by a vowel either preceding or following it. For example: mute + liquid + vowel $=$ mute + vowel + liquid, is an equation which holds good in every etymological problem. Applying this principle to the Etruscan transcriptions, we see that the Etruscan $A p[u] l u$, $A c h[i] l e$, $A t[a] l$ aent, $\quad \operatorname{Erc}[u] l e, E l[e] c h s[a] n t r e, M e n[e] l e, M[e]-$ $n[e] r v a$, Phul $[u] n i c e s, U r[e] s t e, \& c$. are representatives of


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hand, in which $x$ is found in Latin words containing roots
 סos), $\dot{\epsilon} \rho i \zeta \omega$, \&c. In these cases it must be supposed to stand as a representative of the Greek $\zeta$ in its sound $s h$, and also of the Hebrew shin, from which $\xi \imath$ has derived its name (see New Crat. p. 130). With regard to the name Ulysses, Ulyxes, 'Oסv $\sigma \sigma \epsilon$ '́s, etymology would rather shew that the ultimate form of the $x, s s$, or $z$, was a softened dental. The Tuscan name of this hero was Nanus, i.e. " the pygmy" (Müller, Etrusk. ii. p. 269); and, according to Eustathius (p. 289, 38), 'Oגv original form of the Greek name. From these data it has been happily conjectured (by Kenrick, Herod. p. 281) that the name means ö- $\lambda \iota \zeta_{0}$, ö- $\lambda \iota \sigma \sigma o s$, Æol. for ó- $\lambda$ íyos (Eustath. 1160, 16), of which the simplest form is $\lambda \iota \tau o ́ s, ~ l i t t l e: ~$ so that Ulysses, in the primitive conception, was a god represented in a diminutive form.

The materials, which are at present available for an approximate philological interpretation of the Tuscan language, may be divided into three classes: (1) the names of deities, \&c. whose titles and attributes are familiar to us from the mythology of Greece and Rome; (2) the Tuscan words which have descended to us with an interpretation; and (3) the inscriptions, sepulchral or otherwise, of which we possess accurate transcripts. Let us consider these three in their order.

The Tuscans seem to have worshipped three gods especially as rulers of the sky,-Janus, god of the sky in general; Jupiter, whom they called Tina, god of the day; and Summanus, god of the night. Of these, Janus and Tina are virtually the same designation. The root $d y d \vec{a}$ seems to be appropriated in a great many languages to signify "day" or "daylight." See Grimm, Deut. Mythol. 2d ed. p. 177. Sometimes it stands absolutely, as in dies; sometimes with
a labial affix,' as in the Sanscr. dyû, Gr. Z $\epsilon u ́ s$, Lat. deus; sometimes it appears in a secondary form, as in the Hebr. yóm, Gr. $\dot{\eta} \mu \hat{\epsilon} \rho a$; and sometimes it has a dental affix, as in the Gr. Z $\eta \dot{\eta}$, Lat. or Tusc. Janus. It is sufficiently established that $d j, j, y$, are different forms of the same articulation, which is also expressed by the Greek $\zeta$. The fem. of Janus was Diana: Jupiter and Diespiter were the same word.- The Greeks had lost their $j$-sound, except so far as it was implied in $\zeta$; but I have proved elsewhere that the $\eta$ also contained its ultimate resolution. ${ }^{1}$ That Tina contains the same root as $Z \eta^{\prime} \nu=D y a n$ may be proved by an important Greek analogy. If we compare the Greek interrogative $\tau i s$ with its Latin equivalent quis, admitting, as we must, that they had a common origin, we at once perceive that the Greek form has lost every trace of the labial element of the Latin $q u$, while the guttural is preserved in the softened form $\tau \iota=j$. Supposing that kas was the proper form of the interrogative after the omission of the labial, then, when $k$ was softened into $j=d i$, as quare, $\& \mathrm{c}$. became cur, \&c., in the same way this would become $\tau / s$, the tenuis being preferred to the medial. ${ }^{2}$ Just so in the

[^23]Etruscan language, which had no medials, $Z \eta^{\prime} \nu=$ dian-us would become Tina-[s] or Tinia-[s]. This Tina or Jupiter of the Tuscans was emphatically the god of light and lightning, and with Juno and Minerva formed a group who were joined together in the special worship of the old Italians. As the Etruscans had no consonant $j$, the name of Janus must have been pronounced by them as Zanus. This god, whose four-faced statue was brought from Falerii to Rome, indicated the sky, or templum, with its four regions. When he appeared as biceps, he represented the main regions of the templum-the decumanus and the cardo. And as this augurial reference was intimately connected with the arrangement of the gates in a city or a camp, ${ }^{1}$ he became also the god of gates, and his name ultimately signified " a gate" or " archway." Summanus, or Submanus, was the god of nightly thunders. The usual etymology is summus manium; but there is little reason for supposing that it is a common Latin word. As Arnobius considers him identical with Pluto, ${ }^{2}$ it seems reasonable to conclude that he was simply the Jupiter Infernus; and as the Dispater of the Tuscans was called Mantus, and his wife Mania, we may conjecture that Sub-manus was perhaps in Tuscan Zuv-manus or Jetpiter-bonus, which is the common euphemism in speaking of the infernal deities. The connexion between the nightly thunders, which the

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defender; he is sometimes the rival, and sometimes the duplicate, of his brother Mars; and it is possible that in the Egyptian calendar he may have been a kind of Jupiter. Here we are only concerned with the form of his Etruscan name, which was Sethlans. Applying the same principles as before, we collect that it is only $S e-t a l[a] n u s$, a masculine form of $T a l[a] n a$ ( $=$ Juno) with the prefix $S e-:$ comp. the Greek $\ddot{\eta}$ - $\lambda$ los, $\sigma \epsilon-\lambda \dot{\eta} \nu \eta$, with the Latin Sol, Luna, where the feminine, like $T a l[a] n a$, has lost the prefix.

To the two deities Tina and Talna, whose names, with their adjuncts, I have just examined, the Etruscans added a third, Minerva, or, as they called her, Ménerfa, Ménrfa, who was so closely connected with them in the reverence of this people, that they did not consider a city complete if it had not three gates and three temples dedicated to Jupiter, Juno, and Minerva. She was the goddess of the storms prevalent about the time of the vernal equinox; and her feast, the quinquatrus, was held, as that word implied in the Tuscan language, on the fifth day after the ides of March. The name seems to have been synonymous with the Greek $\mu \hat{\eta} \tau \iota s$; the word bears the same relation to mens that luerves (in the Arval hymn) does to lues: this appears from the use of the verb promenervat ( pro monet, Fest. p. 205).

It is easy to explain the names Säturnus, Vertumnus, Mars, and Feronia, from the elements of the Latin language. Sāturnus $=K$ مóvos is connected with sce-culum, as a-ternus with avum (the full form being avi-ternus, Varro, L. L. vi. § 11), sempi-ternus with semper, and taci-turnus with taceo. Vertumnus is the old participle of vertor, "I turn myself." Mârs is simply " the slayer:" comp. Mámers, " the man-slayer." The attributes of the goddess Féronia are by no means accurately known: there seems, however, to be little doubt that she was an elementary goddess, and as such perhaps also a subterrancous deity,
so that her name will be connected with fêralis, $\phi \theta \in i$ i$\rho \epsilon \iota \nu, \phi \epsilon \rho \sigma \epsilon$ фóv $\eta, \& c$.

Aєико $\begin{gathered}\text { є́a, " the white goddess," had a Tuscan repre- }\end{gathered}$ sentative in the Mater matuta, " mother of the morning," whose attribute is referred to in the Greek name, which designates the pale silvery light of the early dawn. Both goddesses were probably also identical with Ei入ciOvia, Lucina, the divinity who brought children from the darkness of the womb into the light of life. Sothina, a name which occurs in Etruscan monuments (Lanzi, ii. p. 494), is probably the Etruscan transcription of the Greek Now ${ }^{\prime}{ }^{\prime} v a$ (" saving from child-bed pains"), which was an epithet of Artemis (see Böckh, Corp. Inscr. no. 1595).

Apollo was an adopted Greek name, the Tuscan form being Apulu, Aplu, Epul, or Epure. If the "custos So_ ractis Apollo," to whom the learned Virgil ( $\notin n$. xi. 786) makes a Tuscan pray, was a native Etruscan god, then his name Soranus, and the name of the mountain Soracte, must be Tuscan words, and contain the Latin sol, with the change from $l$ to $r$ observable in the form Epure for Epul: compare also the Sanscr. Súrya.

Although Neptunus was an important god in the Tuscan pantheon, it is by no means certain that this was the Tuscan form of his name : if it was, then we have another Tuscan word easily explicable from the roots of the IndoGermanic language; for Nep-tunus is clearly connected with $\nu \epsilon \in \omega, N \eta \rho \in v^{\prime} s, \nu i \pi \tau \omega, \& c$. The form Neptumnus (ap. Grut. p. 460) is simply the participle $\nu \iota \pi \tau o ́ \mu \epsilon \nu o s$. If the word Nethuns, which is found on a Tuscan mirror over a figure manifestly intended for Neptune (Berlin. Jahrb. for August 1841, p. 221), is to be considered as the genuine form of the sea-god's name; there will of course be no difficulty in referring it to the same root (see below, $\S 5$, note).

The Tuscan Pluto, as is well known, was called Man-
tus, and from him the city Mantua derived its name. Theetymology of this word is somewhat confused by its contact with the names manes and mania. That the latter are connected with the old word manus =bonus can hardly be doubted; ${ }^{1}$ and the deprecatory euphemism of such a designation is quite in accordance with the ancient mode of addressing these mysterious functionaries of the lower world. But then it is difficult to explain Mantus as a derivative from this manus. Now, as he is represented in all the Tuscan monuments as a huge wide-mouthed monster with a persone pallentis hiatus, it seems better to understand his name as signifying "the devourer;" in which sense he may be compared with the yawning and roaring Charon. ${ }^{2}$ This, at any rate, was the idea conveyed by the manducus, another form of mantus; for this was an image " magnis malis ac late dehiscens et ingentem dentibus sonitum faciens" (Fest. p. 128). The two words may be connected with ma-n-dere, $\mu a \sigma \hat{a} \sigma \theta a \iota$, the $n$, which is necessary in manus, manes, being here only euphonical: similarly, we have masucium, edacem a mandendo scilicet (Fest. p. 139), and me-n-tum by the side of $\mu a \tau v \dot{a} \iota$ ( $=\gamma v \dot{a}-$ Ooı, Hesych.). Compare also mála, maxilla, \&c. It is not improbable that the Greek, or perhaps Pelasgic, $\mu$ áv-

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the statement mentioned below (§3), that vorsus was actually a Tuscan word.

The god Merquurius appears on the Tuscan monuments as Turms $=$ Turmus. This Etruscan name has been well explained by the Jesuit G. P. Secchi (Annali dell' Instituto, viii. p. 94, sqq.). It appears that Lycophron, who elsewhere uses genuine Italian names of deities and heroes (as Má $\mu \epsilon \rho т о$, for " $A \rho \eta$, vv. 938, 1410; Navós for 'O $\delta v \sigma \sigma \epsilon{ }^{\prime} s$, v. 1244), calls the $\chi$ Өóvıos ' $E \rho \mu \hat{\eta} s$ by the name Tє $\rho \mu \iota \epsilon$ и́s (Alex. 705, sqq.):

Now Turmus certainly does not differ more from this $\boldsymbol{T} \epsilon \rho-$ u九єús than Euturpe and Achle from their Greek representatives (Bunsen, ibid. p. 175). It might seem, then, that Turmus is not the Latin Terminus, but rather the Greek ${ }^{\prime} E \rho \mu$ भ̂s; for the Hellenic aspirate being represented in the Pelasgian language, according to rule, by the sibilant, this
 $\tau \in ́ \pi \tau a$, Hesych. ; $\dot{\epsilon} \rho \mu i ́ \varsigma, \tau \epsilon \rho \mu l$ 's, id. \&c.

The name Lar, Las, when it signifies "lord" or " noble," has the addition of a prenominal affix $-t$; when it signifies " god," it is the simple root: the former is Lars (Larth), gen. Lartis; the latter Lar, gen. Laris. Precisely the same difference is observable in a comparison between "Аvакєя, "Аvакоь, " the Dios-curi," and ävaк-тєऽ, " kings" or " nobles." Some suppose that the English Lor-d is connected with the same root; see, however, New Crat. p. 418; and as the Lares were connected with the Cabiriac and Curetic worship of the more eastern Pelasgians, I would rather seek the etymology in the root $\lambda a-$, $\lambda a \varsigma^{-}, \lambda a \iota \varsigma^{-}$, so frequently occurring in the names of places
and persons connected with that worship, ${ }^{1}$ and expressing the devouring nature of fire. It appears from the word Lar-va that the Lar was represented as a wide-mouthed figure. There are two feminine forms of the name, Larunda and Lar-entia.

This enumeration of the names of Tuscan divinities shews that, as far as the terms of mythology are concerned (and there are few terms less mutable), the Tuscan language does not absolutely escape from the grasp of etymology. The common words which have been handed down to us present similar traces of affinity to the languages of the Indo-Germanic family. I will examine them in alphabetical order; though, unfortunately, they are not so numerous as to assume the form of a comprehensive vocabulary of the language.

AEsar, " God." Sueton. Octav. c. 97: "Responsum est centum solos dies posthac victurum, quem numerum $\mathbf{c}$ littera notaret; futurumque ut inter deos referretur, quod exsar, id est, reliqua pars e Cæsaris nomine, Etrusca lingua deus vocaretur." Conf. Dio. Cass. lvi. 29 ; Hesych. aíooí $\theta \epsilon o l$, ímò Tv’̉ $\rho \eta \nu \hat{\omega} \nu$. See Ritter, Vorhalle, pp. 300, 471, who compares the Cabiric names $\notin s$-mun, $\notin s$-clef, the proper name Esyetes, asa the old form of ara, and a great many other words implying " holiness" or " sanctity:" and Grimm, Deutsche Mythol. 2d edit. p. 22. Comp. also aī $\sigma$. Aifil, " age." This word frequently occurs in sepulchral inscriptions with a numeral attached. In one of these we have, $C f[e] c f i l f$. Papa aif . xxir., with the Latin translation, Guegilii Papii atatis xxir. It is obvious, then, that this word contains the same root as $c v$-um,

[^26]$a-t a s, a_{i} F \omega \nu, a i F \epsilon i, \& c$. The Pelasgo-Tyrrhenian language always inserts the digamma in these cases: compare Aïas, written Aifas on the Tuscan monuments.

 Hesych. : ă $\rho \iota \mu о \varsigma^{\bullet} \pi i \theta \eta к о \varsigma . ~ T h e r e ~ i s ~ n o ~ c e r t a i n t y ~$ about this word. The commentators would connect it with the Hebrew דָרוּ (chârum), Levit. xxi. 18, which signifies " snub-nosed," simus; but this is merely fanciful.
Arse-verse. Fest. p. 18: "Arseverse averte ignem significat. Tuscorum enim lingua arse averte, verse ignem constat appellari. Unde Afranius ait: Inscribat aliquis in ostio arseverse." An inscription found at Cortona contains the following words: Arses vurses Sethlanl tephral ape termnu pisest estu (Orelli. no. 1384). Müller considers this genuine (quem quominus genuinum habeamus nihil vetat); Lepsius will not allow its authenticity, but thinks it is made up of words borrowed from other sources. Be that as it may, the words arse verse must be admitted as genuine Etruscan; and they are also cited by Placidus (Gloss. apud Maium, p. 434). It seems probable that arse is merely the Latin arce with the usual softening of the guttural; and verse contains the root of $\pi \hat{v} \rho$, pir, feuer, ber, \&c. Pott (Et. Forsch. i. p. 101) seems to prefer taking verse as the verb, Lat. verte, and arse as the noun, comp. ardere. If the Cortona inscription is genuine, its meaning must be, "Avert the fire, O consuming Vulcan, from the bounds of this house."
Atrium, " the cavadium," or common hall in a Roman house. Varro, L.L.v. § 161: " Cavum adium dictum, qui locus tectus intra parietes relinquebatur patulus, qui esset ad communem omnium usum . . . Tuscanicum dictum a Tuscis, posteaquam illorum cavum ædium

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cap-ere; for this would be the natural derivation of the name. ${ }^{1}$
Cassis, " a helmet" (more anciently cass-ila, Fest. p. 48). Isidor. Origg. xviii. 14: "Cassidem autem a Tuscis nominatam dicunt." The proper form was capsis, as the same writer tells us; but the assimilation hardly disguises the obvious connexion of the word with cap-ut, haup-t, \&c. Comp. коттькаi' ai $\pi \epsilon \rho \iota \kappa є ф а \lambda а i ̈ a \iota, ~ w i t h ~$
 J. Pollux, ii. 29.

Falandum, " the sky." Fest. p. 88: "Fale [фá入aı" ő $\eta$, $\sigma \kappa о \pi \iota a l$, Hesych.] dictæ ab altitudine, a falando, quod apud Etruscos significat colum." This is generally connected with $\phi a ́ \lambda a v \theta o v, b l o n d, \& c$. Or we might go a step further, and refer it to $\phi a ́ \lambda \lambda \omega, \phi a \lambda o ́ s, \& c$., which are obviously derived from $\phi$ áos: see Lobeck, Pathol. p. 87.
Favissa, " an excavation." Fest. p. 88: "Favissa locum sic appellabant, in quo erat aqua inclusa circa templa. Sunt autem, qui putant, favissas essè in Capitolio cellis cisternisque similes, ubi reponi erant solita ea, quæ in templo vetustate erant facta inutilia." From the analogy of favissa, mantissa, and from the circumstance that the Romans seem to have learned to make favissa from the Etruscans, it is inferred that favissa was a Tuscan word: see Müller, ad Festi locum, and Etrusk. ii. p. 239. The word is probably connected with fovea, bauen, \&c.

[^27]Februum, " a purification." Angrius, ap. J. Lyd de Mens. p. 70: "Februum inferum esse Thuscorum lingua." Also Sabine: see Varro, L. L. vi. § 13. If we compare febris, \&c., we shall perhaps connect the root with foveo $=$ torreo, whence favilla, \&c., and understand the "torrida cum mica farra," which, according to Ovid (Fast. ii. 24), were called by this name.
Fentha, according to Lactantius (de Fals. Relig. i. c. 22, § 9), was the old Italian name of Fatua, the feminine form of Faunus, " quod mulieribus fata canere consuevisset, ut Faunus viris." The form Finthia seems to occur on an old Tuscan monument (Ann. dell' Instit. viii. p. 76), and is therefore perhaps a Tuscan word. The analogy of Fentha to Fatua is the same as that which has been pointed out above in the case of Mantus. The $n$ is a kind of anuswarah very common in Latin: comp. $\notin \chi \iota s$, anguis; $\lambda \epsilon i \not \pi \omega$, linquo; $\lambda \epsilon \ell \chi \omega$, lingo; Sanscr. tudâmi, tundo; v̈ $\delta \omega \rho$, unda; \&c.
Haruspex is generally considered to have been an Etruscan word. Strabo, xvi. p. 762, renders it by iєробко́тоs: asa or ara certainly implied " holiness" in the Tuscan
 $T v \rho \dot{\rho} \eta v o i$, which shews the same change from $i \in \rho$ - to har-. If these analogies are not overthrown by the Inscriptio bilinguis of Pisaurum (Fabrett. Inscr. c. x. n. 171, p. 646; Oliv. Marm. Pisaur. n. 27, p. 11; Lanzi, ii. p. 652, n. $\delta$, where [Caf]atius L. f. Ste. haruspex fulguriator is translated by Caphates Ls. Ls. Netmfis Trutnft Phruntac), we may perhaps conclude that haruspex was the genuine Pelasgian form, trutnft being the Umbro-Tuscan synonyme.
Hister, " an actor." Liv. vii. 2: " Sine carmine ullo, sine imitandorum carminum actu, ludiones ex Etruria adciti, ad tibicinis modos saltantes, haud indecoros motus more Tusco dabant. Imitari deinde eos juventus, simul in-
conditis inter se jocularia fundentes versibus cœpere, nec absoni a voce motus erant. Accepta itaque res sæpiusque usurpando excitata. Vernaculis artificibus, quia hister Tusco verbo ludio vocabatur, nomen histrionibus inditum: qui non, sicut ante Fescennino versu, similem incompositum temere ac rudem alternis jaciebant; sed inpletas modis saturas, descripto jam ad tibicinem cantu motuque congruenti peragebant." It appears from this, and from all we read of the hister, that he was a mimic actor; his dance is compared by Dionysius to the Sicinnis; so that the word seems to be synonymous with $\delta \in \iota \kappa \eta \lambda i \kappa \tau \eta s$, and the root is the pronoun $i$ - or hi- (N. Crat. p. 170), which also enters into the cognate words $i$-mitor, $i$ i- $\sigma o s, \epsilon \ddot{ } / \kappa-\omega \nu, \& c$., and appears in the termination of oleaster, \&c. (Lobeck, Pathol. p. 79.)
Itus, " the division of the month." Varro, L. L. vi. § 28 : "Idus ab eo quod Tusci itus." Cf. Macrob. Sat. i. 15. As itus was the $\delta \iota \chi o \mu \eta \nu i a$ of the Tuscan lunar month, its connexion with the root $i d$ - or $f i d$ - is obvious: comp. di-vido, vid-uus, \&c. So Horat. iv. Carm. xi. 14:
idus tibi sunt agendæ,
Qui dies mensem Veneris marinæ
Findit aprilem.
Lena, " a double cloak." Fest. p. 117: "Quidam appellatam existimant Tusce, quidam Græce, quam $\chi^{\lambda} a v i \delta a$ dicunt." If it be a Tuscan word, it is very like the Greek: compare luridus, lac, $\lambda \iota a \rho o ́ s, ~ \& c .$, with $\chi^{\lambda} \omega \rho o{ }^{\prime}$, $\gamma^{\alpha}-\lambda a, \chi$ - $\lambda$ la oós, \&c. Varro (L.L.v. § 133) derives it from lana.
Lanista, " a keeper of gladiators." Isidor. Origg. x. p. 247: " Lanista gladiator, i. e. carnifex Tusca lingua appellatus." Comp. lānius, \&c., from the root lac-.
Lar, " a lord." Explained above.
Lituus, " an augur's staff, curved at the end;" also "a curved trumpet:" see Cic. Divin. ii. 18 ; Liv. i. 18.

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the word ludus was also of Tuscan or Pelasgian origin. Now this word ludus is admirably adapted to express all the functions of the Tuscan ludio. It is connected with the roots of lado (comp. cudo, cado), $\lambda o i$ íoopos, $\lambda i \zeta \omega, \lambda a ́ \sigma \theta \omega$ ( $=\pi a i \zeta \omega$, Hesych.). Consequently, it expresses on the one hand the amusement afforded by the gesticulations of the ludio ( $\sigma \chi \eta \mu a \tau i \zeta \epsilon \tau a \iota \pi о \iota \kappa i \lambda \omega s$ cis $\gamma^{\prime} \lambda \omega \tau a$, Appian, u. s.), and on the other hand indicates the innocent brandishing of weapons by the armed ludio as compared with the use of arms in actual warfare. This latter sense was preserved by ludus to the last, as it signified the school in which the gladiators played or fenced with wooden foils (rudes) preparatory to the bloody encounters of the arena. That the ludiones were Tuscans even in the classical age, is clear from Plautus, Curculio, i. 2, 60, sqq.: " pessuli, heus, péssuli, vós salutó lubens-fíte causá mea lúdii bárbari; súbsilite, óbsecro, et míttite istánc foras," punning on the resemblance of pessuli to the prasules of these Tuscan dancers (see Non. Marc. c. xii. de Doctorum Indagine, p. 783, Gottofr.).
Luna, the Tuscan port, probably got its name from the half-moon shape of the harbour. See Pers. vi. 7, 8; Strabo, v. p. 222; Martial, xiii. 30. The Tuscan spelling was perhaps Losna (=Lus-na), which is found on a patera (see Müller, Etrusk. i. p. 294).
Marus or Manis, " good." Apparently a Tuscan word: at any rate, the manes were Tuscan divinities. Fest. p. 146, s. v. Manuos; Serv. ad En. i. 139, iii. 63. So cerus manus, in the Salian song, was creator bonus. Fest. p. 122, s. v. Matrem matutam; comp. Varro, L. L. vii. §26. We may perhaps recognise the same root in a-mœnus, Lithuan. aimésnis, Greek $\dot{a}-\mu \epsilon i v \omega \nu=$ $\dot{\boldsymbol{u}} \mu \epsilon \nu i \omega \nu$.
Mantisa," weighing-meat." Fest. p. 132: "Mantisa ad-
ditamentum dicitur lingua Tusca, quod ponderi adicitur, sed deterius et quod sine ullo usu est. Lucilius: mantisa obsonia vincit." Scaliger and Voss derive it from manu-tensa, " eo quod manu porrigitur." It is more probably connected, like me-n- $d a$, with the root of $\mu a ́ \tau \eta \nu$; compare frustum with frustra.
Nanus, " the pygmy." Lycophr. Alex. 1244: Návos $\pi \lambda a-$

 то̂̂ ỏvó $\mu a \tau 0$ т тò $\boldsymbol{\pi} \lambda a \nu \eta \eta_{\tau} \eta \nu$. This interpretation seems to be only a guess based on the $\pi \lambda a \nu a i ̂ \sigma \iota$ of Lycophron. The considerations mentioned above (§ 1) leave it scarcely doubtful that the Tuscan word, like the Latin nanus, refers to the diminutive stature of the hero, which is also implied in his common name Ulysses. The Greek words vávos, vávvos, vávıoкos, vav$\nu a ́ \zeta \omega, ~ v a ́ v ı o v, \& c$. have the same meaning. The word, therefore, being common to the Tuscans, Greeks, and Romans, is indubitably of Pelasgic origin.
Nepos, " a profligate." Fest. p. 165: " Nepos luxuriosus a Tuscis dicitur." Probably, as Müller suggests (Etrusk. i. p. 277), the word which bears this meaning is not from the same root as the Siculian nepos, " a grandson" (Gr. $\nu \epsilon ́ \pi o v s, \dot{a}$ - $\nu \epsilon ́ \psi \iota o s, ~ G e r m . ~ n e f f e) . ~ M a n y ~ e t y m o l o-~$ gies have been proposed; but I am not satisfied with any one of them. Might we connect the word with ne-pŏtis, Gr. $\dot{a}-\kappa \rho a \tau \eta{ }^{\prime} s, \dot{a} \kappa o ́ \lambda a \sigma \tau o s ? ~$
Phruntac $=$ fulguriator. See the Inscriptio bilinguis quoted above s. v. Haruspex. We must consider this Tuscan word as standing either for Furn-tacius or for fulntacius: in the former case it is connected with the Latin furnus, fornax, Greek $\pi \hat{v} \rho$, Germ. feuer, \&c.; in the latter it may be compared with ful-geo, ful-men, $\phi \lambda \epsilon$ -$\gamma-\epsilon \iota \nu, \phi \lambda o^{\prime}-\xi, \& c$. It is not impossible that both roots
may be ultimately identical: compare creber, celeber; cresco, glisco; краи̂ $о \psi$, калаи̂ $\rho о \psi ; ~ c r u s, ~ \sigma-\kappa є ́ \lambda o s ; ~$ culmen, celsus; кодофळ́v, кра́vıоv, кориф ${ }^{\prime}, \& c$.
Quinquatrus. Varro, L. L. vi. § 14: "Quinquatrus; hic dies unus ab nominis errore observatur, proinde ut sint quinque. Dictus, ut ab Tusculanis post diem sextum idus similiter vocatur Sexatrus, et post diem septimum Septimatrus, sic hic, quod erat post diem quintum idus, Quinquatrus." Festus, p. 254: "Quinquatrus appellari quidam putant a numero dierum qui feriis iis celebrantur: qui scilicet errant tam hercule, quam qui triduo Saturnalia et totidem diebus Competalia: nam omnibus his singulis diebus fiunt sacra. Forma autem vocabuli ejus, exemplo multorum populorum Italicorum enuntiata est, quod post diem quintum jduum est is dies festus, ut aput Tusculanos Triatrus et Sexatrus et Septimatrus et Faliscos Decimatrus." See also Gell. N.A. ii. 21. From this we infer that in the Tuscan language the numeral quinque, or as they probably wrote it chfinchfe, signified " five," and atrus meant " a day." With this latter word, perhaps connected with aï $\theta \rho \iota o v$, we may compare the Tuscan atrium, according to the second of the etymologies proposed above.
Ramnenses, Tities, Luceres. Varro, L. L.v. § 55: "Omnia hæc vocabula Tusca, ut Volnius, qui tragœedias Tuscas scripsit, dicebat." See Müller, Etrusk. i. p. 380.
Ril, " a year." This word frequently occurs before numerals in sepulchral inscriptions; and, as the word aifl= atatis generally precedes, ril is supposed with reason to mean annum or annos. It is true that this word does not resemble any synonyme in the Indo-Germanic languages; but then, as has been justly observed by Lepsius, there is no connexion between annus, čтos, and $\dot{i} a r$, and yet the connexion between Greek, Latin, and Ger-

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is precisely the meaning of the common Latin adjective perennis; and sollennis (=quod omnibus annis prastari debet, Festus, p. 298) has acquired the similar signification of " regular," " customary," and " indispensable." It is, perhaps, worth mentioning that in a Tuscan monument (Micali, Storia, pl. 36) Atlas supporting the world is called $A$-ril. If Atlas was the god of the Tuscan year, this may serve to confirm the common interpretation of ril.
Stroppus, " a fillet." Fest. p. 313: "Stroppus est, ut Ateius philologus existimat, quod Græce $\sigma \tau \rho o ́ \phi \iota o v$ vocatur, et quod sacerdotes pro insigni habent in capite. Quidam coronam esse dicunt, aut quod pro corona insigne in caput imponatur, quale sit strophium. Itaque apud Faliscos diem festum esse, qui vocetur struppearia, quia coronati ambulent. Et a Tusculanis [for another instance of the similarity of language between the people of Falerii and Tusculum see under Quinquatrus], quod in pulvinari imponatur, Castoris struppum vocari." Idem, p. 347: "Struppi vocantur in pulvinaribus fasciculi de verbenis facti, qui pro deorum capitibus ponuntur."
Subulo, " a flute-player." Varro, L. L. vii. § 35: "Subulo dictus quod ita dicunt tibicines Tusci: quocirca radices ejus in Etruria non Latio quærundæ." Fest. p. 309: "Subulo Tusce tibicen dicitur; itaque Ennius: subulo quondam marinas adstabat plagas." Compare sibilo, $\sigma_{i}^{\prime} \phi \omega \nu$, si-lenus, $\sigma \iota \phi \lambda o ́ \omega, \dot{a}-\sigma \dot{v} \phi \eta \lambda o s, \& c$. Fr. siffler, persifler, \&c.
Toga. If toga was the name by which the Tuscans called their outer garment, the verb tego must have existed in the Tuscan language; for this is obviously the derivation. That the Tuscans wore togas, and that the Romans borrowed this dress from them, is more than probable (Müller, Etrusker, i. p. 262). If not, they
must, from the expression used by Photius (Lex. s. v.), have called it $\tau \eta \eta^{\beta} \epsilon \nu \nu a$, which was its name in Argos and Arcadia.
Vorsus, " one hundred feet square," is quoted as both Tuscan and Umbrian. Fragm. de Limit. ed. Goes. p. 216: " Primum agri modulum fecerunt quattuor limitibus clausum figuræ, quadratæ similem, plerumque centum pedum in utraque parte, quod Græci $\pi \lambda \epsilon^{\prime} \theta_{\rho} \rho v$ appellant, Tusci et Umbri vorsum." For the use of $\pi \lambda^{\prime} \epsilon^{\prime} \theta_{\rho o v,}$ see Eurip. Ion. 1137. The fact that vorsus is a Tuscan word confirms the etymologies of Vertumnus and Nortia.

In passing to our third source of information respecting the Tuscan language - the inscriptions which have been preserved - we are at once thrown upon difficulties, which at present, perhaps, are not within the reach of a complete solution. We may, indeed, derive from them some fixed results with regard to the structure of the language, and here and there we may find it possible to offer an explanation of a few words of more frequent occurrence. In general, however, we want a more complete collection of these documents; one, too, in deciphering which the resources of palæography have been carefully and critically applied. When we shall have obtained this, we shall at least know how far we can hope to penetrate into the hitherto unexplored arcana of the mysterious Etruscan language.

Referring to the position, that the Umbrians and Tuscans were so intermixed, that the language of the former had influenced, and indeed corrupted, the language of the latter, it would be well, if possible, to discriminate between those inscriptions which were least subjected to the influences of the Umbrian population, and those which have almost lost their Pelasgic character.
$\S 5$. Inscriptions in which the Pe lasgian element predominates.

Of all the Etruscan cities the least Umbrian perhaps is Carel ${ }^{1}$ or Agylla, which stands in so many important connexions with Rome. Its foundation by the Pelasgians is attested by a great number of authorities (Serv. ad En. viii. 478 ; Strabo, v. p. 220; Dionys. Hal. iii. 58 ; Plin. H. N. iii. 8) : its port, חúproı, had a purely Pelasgian name, and the Pelasgians had founded there a temple in honour of Ei入ńOvıa (Strabo, v. 226; Diod. xv. 14). In the year 534 b.c., the people of Agylla consulted the oracle at Delphi respecting the removal of a curse; and they observed, in the days of Herodotus, the gymnic and equestrian games which the Pythoness prescribed (Herod. i. 167): moreover, they kept up a connexion with Delphi, in the same manner as the cities of Greece, and bad a deposit in the bank of the temple (Strabo, v. p. 220).

As the Agyllæans, then, maintained so long a distinct. Pelasgian character, we might expect to find some characteristics in the inscriptions of Cære, or Cervetri, by which they might be distinguished from the monuments of northern and eastern Etruria. There is at least one very striking justification of this supposition. On an ancient vase, dug up by General Galassi at Cervetri, the following inscription is traced in very clear and legible characters:

## Mi ni keӨuma, mi matu maram lisiai Bipurenai; Ede erai sie epana, mi neӨu nastav helẹu.

It is obvious that there is an heroic rhythm in these lines; the punctuation and division into words are of course conjectural. Not to enter at length into interpretation, which must be mere guess-work, ${ }^{2}$ this inscription differs from

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compass the same features with that which has just been quoted. It runs thus:

## Mi ni mulvene keveldu ir pupliana.

Besides these, we have a great number of inscriptions beginning with the syllable mi, mostly from Orvieto (i.e. urbs vetus, Volsinii?); and an inspection of those among them which are most easily interpreted leaves us little reason to doubt that this syllable represents the verb $\epsilon i \mu i$, which has suffered decapitation in the same manner as the modern Greek $\nu$ á for " iva. A collection of these inscriptions has been made by Lanzi (Saggio, ii. p. 319, Epitafi scelti fra' piu antichi, no. 188-200); and Müller thinks (Etrusk. i. p. 451) that they are all pure Pelasgian. Some of them, indeed, seem to be almost Greek - at least, they are more nearly akin to Greek than to Latin. Take, for instance, no. 191, which has been adduced both by Müller and by Lepsius, and which runs thus:

## Mi kalairu fuius.

Surely this is little else than archaic Greek: $\epsilon i \mu i K a \lambda a \iota \rho o \hat{v}$ Fuiós. In regard to the last word at any rate, even modern Latin approaches more nearly to the Etruscan type. It is well known that the termination -al, -ul in Etruscan indicates a patronymic. Thus a figure of Apollo, found in Picenum, is inscribed, Jupetrul Epure, i. e. "Jupiter's son, Apollo." 'The syllable -al corresponds to the Latin form -alis, but in its significance as a patronymic it is represented rather by -i-lius, as in Servius, Servilius; Lucius, Lucilius; \&c. According to this analogy, fi-lius, from $f i o$, is nearer to the Etruscan than $\phi v i o s$, from the Æolic фví $\omega$ (Et. M. p. 254, 16).

There is another inscription of this class which deserves particular notice, because, though it is singularly like Greek, it contains a word which is of constant occurrence in the

Umbro-Tuscan monuments. A bronze figure, representing Apollo crowned with laurel, has the following inscription :

> Mi phleres Epul • . . phe Aritimi .
> Phasti Ruphrua turce clen ceca.

The first sentence must mean: sum donarium Apollini et Artemidi. The form Ari-timi-, as from Ar-timi-s, instead of the Greek " $A \rho-\tau \epsilon \mu \iota[\delta]$, is instructive. We might suppose from this that Ari-timi-s, the "virgin of the sea" (above, pp. 37, 39), and ' $A \rho \epsilon ́-\theta o v \sigma a$, "the virgin swiftly flowing," were different types of one and the same goddess. 'A $A \tau \epsilon \mu \eta$ 's appears to me to be a derivative from "A $A \tau \epsilon \mu \iota s$. The next words probably contain the name and description of the person who made the offering. The name seems to have been Fastia Rufrunia. Lanzi and Müller recognise a verb in turce, which is of frequent occurrence on the Etruscan monuments, and translate it by $\mathfrak{\epsilon} \pi o i \in \iota$, dedit, $\dot{a} \nu \boldsymbol{v}^{\prime} \theta \eta \kappa \epsilon$, or the like. Lanzi goes so far as to suggest the etymology [ $\delta \epsilon-$-] $\delta \dot{\omega} \rho \eta \kappa \epsilon$. And perhaps we might make a verb of it, were it not for the context. Its position, however, between the proper name and the word clen, which in all other inscriptions is immediately appended to the name and description of a person, would induce me to seek the verb in ceca (probably a reduplication, like pepe on the Todi statue: compare chu-che in the Perugian inscription), and to suppose with Niebuhr (i. note 342) that Turce is the gentile name Tusca. I have cited the inscription principally on account of this word clen, which is explained by its contrast to eter, etera, -a word clearly expressing the Greek $\tilde{\epsilon}^{\epsilon} \tau \rho \circ$ s, Latin alter (iterum), and Umbrian etre. Thus we have on the same monument;

> La. Fenete La. Lethial etera Se . Fenete La. Lethial clan:

in which, if etera means, as is most probable, the second in the family, clan must mean the first or head of the family.

I would not on this account infer that clan was the ordinal corresponding in every case to primus; but there will be little difficulty in shewing etymologically its appropriateness as the designation of the first of a family. The root, which in the Greek and Latin languages signifies head, summit, top, is cel-, cul-, cli-, код-, кор-, or кра-. These are in effect the same root,-compare glisco, cresco, \&c.; and it is well known, that words denoting height and elevation - or head-ship, in fact - are employed to signify rank. Now the transition from this to primogeniture - the being first in a family - is easy and natural: compare the " patrio princeps donârat nomine regem" of Lucretius (i. 88). Therefore, if clen or clens (in Latin clanis or clanius) is connected with the root of celsus, cul-men, collis, clivus,
 $\kappa \rho a ́ v o v, \& c .$, it may well be used to signify the first in a family. This etymological analysis will perhaps be complete, if I add that there were two rivers in Italy which bore the name of Clanis or Clanius; the one running into the Tiber between Tuder and Volsinii, the other joining the sea near the Tuscan colony of Vulturnum. Now the names of rivers in the Pelasgian language seem to have some connexion with roots signifying " height," " hill," or " hill-tower." This has been indicated above in what has been said of the names of the Scythian rivers (Chap. II. § 8). The Tibe-ris - the " Tuscan river," as the Latin poets call it-seems to have derived its name from the Pelasgian Teba, " a hill," and the root ri, " to flow" (see above, Chap. IV. § 2). And the Clan-is and Clan-ius, which flow down from the Apennines, may well have gained a name of similar import.
$\S 6$. The great Pe rugian Inscrip. tion analysed.

The facility with which the philologist dissects the Etruscan words which have been transmitted to us, either with an interpretation, or in such collocation as to render

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| 33. alc ilune | 9. Aulesic Velthinas Arznal kl- |
| :---: | :---: |
| 34. turunesth | 10. ensi thii thils leuna kenu e- |
| 35. unezea zuk- | 11. plk Felik Larthals Afunes |
| 36. i eneski ath- | 12. klen Thunchulthe |
| 37. umics Afu- | 13. falaṡ chiem fuṡle Velthina |
| 38. nas penthn- | 14. hintha kape muniklet masu |
| 39. a ama Velth- | 15. naper ṡank̇̇l thii falṡi̇ $V$ - |
| 40. ina Afun | 16. elthina hut naper penezs' |
| 41. thuruni ein- | 17. masu aknina klel Afuna Vel- |
| 42. zeriunal ch- | 18. thinam Lerzinia intemam e- |
| 43. a thil Thunch- | 19. r knl Velthina zias Aterie |
| 44. ulthl ich ka | 20. tesne elca Velthina thuras th- |
| 45. kechazi chuch- | 21. aura helu tesne Rasine kei |
| 46.e | 22. tesnsं teis Raṡnes chimth sp- |
|  | 23. el thutas kuna Afunam ena |
|  | 24. hen naper ki knl hareutuse |

Now, if we go through this inscription, and compare the words of which it is composed, we shall find that out of more than a hundred words there are very few which are not obviously proper names, and some of these occur very frequently; so that this monument, comparatively copious as it is, furnishes, after all, only slender materials for a study of the Tuscan language. According to the most probable division of the words, the contents of the inscription may be considered as given in the following vocabulary:
Afun (40) ; Afuna (17) ; Afunam (23); Afunas (3, 37); Afunes (11); ak (32, 33); Akhr (2); aknina (17); ama (5, 39); Amev (2); aras (6); Arznal (9); Atena (26); Atene (19); athumics (36); Auleši (9).
Cha (42); chiem (13); chimth (22); chuche (45).
Einzeriunak (42); eka (20); ena (23); eneski (7, 27); eplk (11); eplt (8); er (18); eśt (2, 31); eth (3); Eu (1).

Falaş, falsti (13, 15); Felik (11); fulumchva (29); fuśle, fuśleri (13, 4).
Hareutuze (24); helu (21); hen (5, 24); hintha (14); huł (16).

Ich (44); ilune (33); intemam (18); ipa (5, 27).
Ka (44) ; kape (14); karutezan (4) ; kechazi (45); kei (21); kemulmleskul (7); kenu (10); ki (24); klel (17); klen, klensi (9, 12); knl (19, 24); kuna (23).
La (1,3); Larthals̊ (11); lat (1); Lautn (2); Lerzinia (18). Masu (14, 17); muniklet (14).
Naper (5, 15, 16, 24).
Penezs (16); penthna (38); peras (6).
Ras̊ne, Ras̊nes (5, 21, 22); Rezul (1).
Slel (3); spel, spelane (22, 28, 30); śrankzl (15).
Tanna (1) ; teis (4, 22) ; tesne, tesns (5, 20, 21, 22); thaura (20) ; thi, this, thii, thil, thils (29, 31, 10, 43); thuras, thirene, thuruni (6, 30, 41); Thunchulthe (12); Thunchulthl (43) ; thutaś (23); turunes̊k (34).
Velthina, Velthinas, Velthinam (6, 13, 15, 19, 20, 32, 39, 2, 9, 25, 17).
Ularu (8); unezea (35).
Ziaś (19) ; zuki (7, 26, 35).

The first remark to be made respecting this inscription is, that though we have here obviously a different language from that in which the Eugubine Tables are written, still there are many words which in outward form at least resemble the Umbrian phrases. Thus we have $E u$ (v. 1), velthina (passim), est (2), karu- (3), tesns (4), kape (14), muniklet (14), turu- (24), einzeriu- (41), \&c., which may be compared with eu, veltu, est, karu, tesenakes, kapi, muneklu, tures, anzeriatu, \&c., in the Eugubine Tables, though it does not at all follow that there is any similarity of meaning in addition to the mere assonance. The word naper ( $5,15,16,24$ ) seems to have the termination -per, so
common in Umbrian: we may compare it with the Latin nu-per (pro novo).

With regard to the interpretation of particular words, it seems idle to follow in the steps of the Italian scholars, Vermiglioli, Orioli, and Campanari, the last of whom has given us a Latin translation of the whole inscription. It would, indeed, be easy to found a number of conjectures on the assonances which may be detected in almost every line; but until a complete collection of all the genuine Etruscan inscriptions shall have furnished us with a sufficiently wide field for our researches, - until every extant Tuscan word has been brought within the reach of a philological comparison, - we must be content to say of this great Perugian inscription, that it appears to be a monument in honour of some woman of the family of the Reza (Rasii), who were distinguished people in the neighbourhood of Perusia (see Vermiglioli, Iscriz. Perug. p. 273). We should probably divide eu lat. What the second syllable means can only be guessed: the former may well be the pronoun $e u$, which occurs in the second Eugubine Table (a, 9, b, 2). Tanna, or Thana, is a common prænomen of women; as such it forms part of the name Than-chufil (Lat. Tanaquil), the second part of which contains the element of the Cfilnian or Cilnian name. ${ }^{1}$ Perhaps Thunloulthe (v. 12), Thunchulthl (v. 43), are forms of the same name. La. Rezul (for Larthia Rezul) is a feminine pa-tronymic-" daughter of the Lars Rasius." What amev. may mean is quite unknown. Achr. probably stands for the name Achrius, which is found in other Tuscan inscriptions (see Vermiglioli, pp. 175, 220, 233). Lautn. Vel-

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how many, conventional abbreviations, -we are entitled to ask, where is the bulk of that language which was spoken by the ancestors of Mæcenas? We talk of dead languages; but this variety of human speech should seem to be not only dead, but buried, and not only buried, but sunk beneath the earth in some necropolis into which no Galassi or Campanari can dig his way. The standard Italian of the present day is the offspring of thatt Latinity which was spoken by the Etrusco-Romans; but we find no trace of ancient barbarism in any Tuscan writer. Surely it is a fair inference, that the common Etruscan, like the Sabello-Oscan and other dialects, merged in the old Latin, not because the languages were unlike, but because they were sister idioms, and embraced one another as soon as they had discovered their relationship. ${ }^{1}$ The only way to escape from the difficulties of this subject is to suppose that the city on the Tiber served as a centre and rallyingpoint for the languages of Italy as well as for the different tribes who spoke them, and that Rome admitted within her walls, with an inferior franchise, which in time completed itself, both the citizens and the vocabularies of the conquered Italian states.

[^30]
## CHAPTER VI.

## THE OLD ROMAN OR LATIN LANGUAGE.


#### Abstract

§ 1. Fragments of old Latin not very numerous. § 2. Arvalian Litany. § 3. Chants preserved by Cato. § 4. Fragments of Salian hymns. § 5. Old regal laws. § 6. Remains of the XII. Tables. § 7. Table I. § 8. Table II. § 9. Table III. § 10. Table IV. § 11. Table V. § 12. Table VI. § 13. Table VII. § 14. Table VIII. § 15. Table IX. § 16. Table X. § 17. Table XI. § 18. Table XII. § 19. The Tiburtine Inscription. § 20. The epitaphs of the Scipios. § 21. The Columna Rostrata. § 22. The Silian and Papirian Laws. § 23. The Senatus-Consultum de Bacchanalibus. § 24. The old Roman law on the Bantine Table.


Having in the preceding chapters given specimens of the languages spoken by those nations which contributed in different proportions to the formation of the Roman people, the next step will be to collect the most interesting remains of the old Roman language,- considered as the offspring of the Umbrian, Oscan, and Tuscan, such as it was before the predominance of Greek cultivation had begun to work on this rude composite structure. The total loss of the genuine Roman literature ${ }^{1}$ will, of course, leave us but a scanty collection of such documents. Indeed, for the earlier centuries we have only a few brief fragments of religious and legal import. As we approach the Punic wars, the inscriptions become more numerous and complete; but then we are drawing near to a period when the Roman language began to lose its leading characteristics under the pressure of foreign influences, and

[^31]when it differed little or nothing from that idiom which has become familiar to us from the so-called classical writings of the Augustan age.

Polybius, speaking of the ancient treaty between Rome and Carthage (iii. 22), remarks, that the old Latin language differed so much from that which was spoken in his own time, that the best-informed Romans could not make out some expressions without difficulty, even when they paid the greatest attention: $\tau \eta \lambda \iota \kappa a v ́ \tau \eta \gamma \grave{a} \rho \dot{\eta} \delta \iota a-$


 however, have been susceptible of interpretation; for he does not shrink from translating into Greek the substance at least of that very ancient treaty.
§2. Accordingly, we find that the most primitive specimens Arvalian Litany. of Latinity may now-a-days be understood by the scholar, who, after all, possesses greater advantages than Polybius and his contemporary Romans. This will appear if we examine the song of the Fratres Arvales, which is one of the most important and ancient specimens of the genuine Roman language. The inscription, in which it is preserved, and which was discovered in the year 1777, is probably not older than A.D. 218; but there is every reason to believe that the cantilena itself was the same which was sung in the earliest ages of Rome,-for these litanies very often survive their own significance. The monks read the Latin of their missals without understanding it, and the Parsees of Gujerat cannot interpret their sacred Zend. It appears from the introductory remarks, that this song was confined to the priests, the Publici being excluded: " Deinde subselliis marmoreis consederunt; et panes laureatos per Publicos partiti sunt; ibi omnes lumemulia cum rapinis acceperunt, et Deas unguentaverunt, et

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or Mamor, is the Oscan Mamers, " man-slayer," i. e. Mars. That Mars, or Mars pater, was addressed as the averter of diseases, bad weather, \&c. is clear from Cato, R. R. 141. Sins is sinas: so Tab. Bantin. l. 19: Bantins for Banti$n u s, \& \mathrm{c}$. Ple-ores is the genuine comparative of ple-nus, which bears the same relation to $\pi \lambda \epsilon \hat{i}$ s that unus does to oios. The fullest form would be ple-iores $=\pi \lambda \epsilon i o v \epsilon s$ : compare $\beta \in \lambda-\tau-l \omega \nu$ with mel-ior, \&c.
3. "O Mars, having raged to your satisfaction (comp. Hor. i. Carm. ii. 37: " longo satiate ludo"), put a stop to the scorching heat of the sun." Limen for lumen may be compared with plisima for plurima (Fest. p. 205), scripulum for scrupulum, \&c. (see below, Chap. VI. § 5). Salis is the original form of solis: comp. $\sigma$ é $\lambda a s, \eta \not \eta \lambda c o s, A u$-selius, \&c. Whether we read sta or ta, the meaning seems to be " cause to cease," which may be derived from either root. Berber is another form of fervere.
4. Semuneis is semones, i. e, semihemones. If alternip is the right reading, it is an adverb=alternis. Advocapit is a contraction for ad vos capite: the $e$ is omitted, as in $d u c, f a c, f e r, \& c$. It is not improbable that ad vo' capite may be a tmesis for vos accipite.
§ 3. Chants preserved by Cato.

The other extant religious compositions, though few and scanty, contribute to the same conclusion - that the oldest Latin was not so unlike the language with which we are familiar as to defy interpretation. Two reliques of the same kind as the last have been preserved by Cato ( $R . R .160$ ), who writes thus: "Luxum si quod est, hac cantione sanum fiet. Harundinem prende tibi viridem p. iv. aut v. longam. Mediam diffinde, et duo homines teneant ad coxendices. Incipe cantare in alio: $S$ [anum] $\mathrm{F}[\mathrm{iet}]$. In mota et soluta (vulg. mota vata) : daries dardaries astataries, dic sempiterno (vulg. dissunapiter or dic una pariter), usquedum coeant . . . . Ad luxum aut ad frac-
turam alliga, sanum fiet, et tamen quotidie cantato in alio : S. F. vel luxato: vel hoc modo: havat, havat, havat: ista pista sista: domabo damnaustra et luxato." i. e. haveat, haveat, haveat: istam pestem sistam: domabo damna vestra et luxatum (see Grotefend, Rud. L. Umbr. iv. 13). With regard to the second excantatio, which is simple enough, it is only necessary to observe, that the final $m$ is omitted both in the accusatives luxato, pista, \&c. and in the future sista; and we are especially told that it was the custom with Cato the Censor to drop the $m$ at the termination of the futures of verbs in -0 and -io: thus he wrote dice, facie, for dicam, faciam (see Quinctil. Inst. Or. i. 7, §23, and cf. ix. 4, § 39 ; Fest. p. 72. Müll.), recipie for recipiam (Fest. p. 286), attinge for attingam (id. p. 26), ostende for ostendam (id. p. 201), which are all quoted as common examples. He also omitted the $-s$ of the nominative, as in prafamino for prafaminus (used for prafato: see $R . R$. 141: "Janum Jovemque vino prafamino, sic dicito." cf. 134; and see Fest. p. 87). The words daries, dar-dar-ies, as-ta-tar-ies, seem to be a jingling alliteration, the meaning of which must not be pressed too far; Pliny, at least ( $H . N$. xvii. 28), does not think them worthy of serious attention ; though Grotefend would compare them with dertier dierir in the spurious Umbrian inscription (see Leps. p. 52).

The Salian songs, if any considerable fragments of them had come down to our times, would have furnished us with very interesting specimens of ancient Latinity. Unfortunately they are all lost, with the exception of a few lines and detached words; and with them we have been deprived of the learned commentaries of $\mathbb{E l i u s ~ S t i l o , ~}$ who was not, however, able to explain them throughout. Varro, vii. § 2 : " Ælii, hominis in primo in litteris Latinis exercitati, interpretationem carminum Saliorum
videbis et exili littera expeditam et præterita obscura multa." ${ }^{1}$ Of the explanations of $\mathbb{E}$ lius the following have been preserved. Festus, s. v. Manuos, p. 146: " Manuos in carminibus Saliaribus Ælius Stilo [et Aurelius, v. Paul. p. 147] significare ait bonos: unde Inferi Di manes pro boni dicantur a suppliciter eos venerantibus propter metum mortis, ut immanes quoque pro valde [non bonis] dicuntur." Id. s.v. Molucrum, p. 141: " Molucrum non solum quo molæ vertuntur dicitur, id quod Græci $\mu \nu \lambda \eta \kappa o ́ \rho o v ~ a p-~$ pellant, sed etiam tumor ventris, qui etiam virginibus incidere solet . . . . Cloatius etiam [et AElius] in libris sacrorum molucrum esse aiunt lignum quoddam quadratum ubi immolatur. Idem Ælius in explanatione carminum Saliarium eodem nomine appellari ait, quod sub mola supponatur. Aurelius Opilius appellat ubi molatur." Id. s. v. Pescia, p. 210: "Pescia in Saliari carmine Ælius Stilo dici ait capitia ex pellibus agninis facta, quod Græci pelle vocent $\pi \epsilon ́ \sigma \kappa \eta$ [ $\pi \epsilon \sigma \kappa \epsilon ́ \omega \nu, \delta \epsilon \rho \mu a ́ \tau \omega \nu$, Hesych.] neutro genere pluraliter." Id. s. v. Salias virgines, p. 329: "Salias virgines Cincius ait esse conducticias, quæ ad Salios adhibeantur cum apicibus paludatas, quas 甭lius Stilo scripsit sacrificium facere in Regia cum pontifice paludatas cum apicibus in modum Saliorum." There are other references in Festus to the philological interpretations of Ælius; but as the Salian songs are not mentioned in them, we have no right to assume that this particular commentary is quoted: see Festus, s. v. Manias, p. 129; s. v. Monstrum, p. 138 ; s. v. Nebulo, p. 165 ; s. v. Naucum, p. 166 ; s. v. Nusciciosum, p. 173; s. v. Novalem agrum, p. 174; s. v. Ordinarium hominem, p. 185; s. v. Obstitum, p. 193 (cf. pp. 248, 249) ; s. v. Puticulos, p. 217 ; s. v. Portisculus, p. 234; s. v. Sonticum, p. 290; s. v. Subuculam, p. 309 ;

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Dlvum émpta cante, dívom ${ }^{\text {DÉo Sứplicánte." }}$
i. e. Deorum impetu canite, deorum deo supplice canite. Cf. Macrob. Sat. i. 9: "Saliorum carminibus deorum deus canitur [Janus]."

Festus, s. v. Mamuri Veturi, p. 131: "Probatum opus est maxime Mamuri Veturi, qui præmii loco petiit, ut suum nomen inter carmina Salii canerent."

Id. s. v. Negumate, p. 168: "Negumate in carmina Cn. Marci vatis significat negate, cum ait: quàmvís movéntiúm [molimentum Herm. El. D. M. p. 614] du-ónum négumáte."

Id. s. v. Obstinet, p. 197: "Obstinet dicebant antiqui, quod nunc est ostendit; ut in veteribus carminibus: sèd jám se cólo cédens [Aurora] óbstinét suum pátrem." Here it will be observed that se colo cedens $=$ coelo secedens, and that summ is a monosyllable (see Fest. p. 301).

Id. s. v. Preceptat, p. 205: " Preceptat in Saliari carmine est sæpe præcipit. $P a$ pro patre, et po pro potissimum, positum est in Saliari carmine. Promenervat item pro monet. Preedopiont, præoptant, \&c. Pilumno popla in carmine Saliari, Romani, velut pilis assueti: vel quia præcipue pellant hostes."

Id. s. v. Redantruare, p. 270: "Redantruare dicitur in Saliorum exsultationibus, quod cum præsul amptruavit, quod est motus edidit, ei referuntur invicem idem motus. Lucilius : Presul ut amptruat inde; ita volgu' redamptruat ollim. Pacuvius:

> Promerenda gratia
> Simul cum videam Graios nihil mediocriter Redamptruare, opibusque summis persequi."

According to Varges (Rhein. Mus. for 1835, p. 62, sqq.) the fragment of Lucilius ought to be read thus : Prasul ut ampirvat, sic vulgu' redantruat inde. He derives ampirvo from the Greek ${ }^{a} \mu \pi \epsilon \iota \rho a$, which, according to Hesychius (s. v. ảvá $\pi \epsilon \iota \rho a$ ), was $\mathfrak{\rho} u \theta \mu o ́ s ~ \tau \iota \varsigma ~ a u ̉ \lambda \eta \tau \iota \kappa o ́ s ; ~ f o r ~ D i o n y s i u s ~$ tells us (Antiq. ii. 70) that the Salii danced to the flute.

The same name was given to the second part of the Pythian nome (Timosthenes, ap. Strab. ix. 3) ; and Argolus (Græv. Thesaur. ix. p. 342) explains the passage in Claudian (vi. Cons. Hon, 626-30) by a reference to the Pythian nome. Turnebus (Advers. xvii. 8, vol. ii. p. 145) connects am-pirvo with the French pirouetter; comp. the Oscan am-pert= per; above, Ch. V.§ 4.

Id. p. 290 (ex Suppl. Ursin.): " Sesopia in augurali et Saliari carmine appellantur, quæ alias esopia pro sedilibus dicere habemus nunc adhuc in consuetudine."

Id. s. v. Sonivio, ibid.: "Sonivio significat in carmine [Saliari et a]ugurali sonanti."

Id. p. 360: " Tame in carmine positum est pro tam." So also cume for cum, Terent. Scaur. p. 2661 P., who quotes from the Salian songs.

The fragments of the oldest Roman laws, though undoubtedly genuine in substance, must be considered as having undergone considerable alteration in the orthography at all events. They are precious memorials of primeval Latinity; but, like the Homeric poems, they not unfrequently exhibit the deformity of an ancient statue, which the false taste of a later age may have daubed over with a coat of coloured plaster.

One of these fragments professes to be as old as the time of Romulus and Tatius. Festus, s. v. Plorare, p. 230: "Plorare, flere nunc significat, et cum præpositione implorare, i. e. invocare; sed apud antiquos plane inclamare. In regis Romuli et Tatii legibus: Si nurus . . . sacra divis parentum estod. In Servi Tulli hæc est: Si parentem puer verberit, ast olle plorasset, puer divis parentum sacer esto; i. e. inclamarit, dix[erit diem]." The restoration of the laws quoted in this passage may be given thus: (1) $S e i$ nuros [parentem verbussit, ast ole plorasit], sacra diveis parentom estod. (2) Sei parentem puer verbesit, ast ole plorasit, puer diveis parentom sacer estod.

In these fragments two forms deserve to be noticed. If verberit, as it is quoted in Festus, were a syncope for verberarit, the old form would be verberasit. It seems, however, that there was an older form of verbero, inflected according to the third conjugation, like carint (Plautus, Mostell. iv. 1, 1) and temperint (Trucul. i. 1, 41). The three participles, verbustus, castus, tempestus (Fest. p. 362), are further indications of such original forms. Accordingly verberit is the modern orthography, not of verberarit, but of verbesit or verbussit (Müller, Suppl. Annot. in Fest. p. 393). We should write ole=olle with one $l$. That this was the primitive orthography is proved, not only by the express testimony of Festus (s. v. Solitaurilia, p. 293 ; id. s. v. Torum, p. 355 ; id. s. v. ab oloes, p. 19 : "ab oloes dicebant pro $a b$ illis; antiqui enim litteram non geminabant"), but still more strikingly by the locative olim, which retained its orthography long after its derivation had been forgotten.

There are several fragments of the laws of Numa Pompilius. Festus, s. v. Occisum, p. 178: "Occisum a necato distingui quidam, quod alterum a cædendo atque ictu fieri dicunt, alterum sine ictu. Itaque in Numæ Pompili regis legibus scriptum esse : Si hominem fulmen Jovis occisit, ne supra genua tollitor. Et alibi: Homo si fulmine occisus est, ei justa nulla fieri oportet." In the old orthography these fragments would run thus: Sei hemonem fulmin Jobis ocisit, nei supra cenua tolitor. Hemo sei fulmined ocisus escit, eiei jousta nula fieri oportet. For the form hemo, see Müller ad Fest. p. 100. Escit, an inchoative of est, has a future signification : see Müller ad Fest. p. 77; and Suppl. Annot. p. 386.

Festus (s. v. Parrici[di] Quastores, p. 221) quotes a short fragment from another law of Numa, which defines the word parricida: "Si qui hominem liberum dolo sciens morti duit, parricidas esto;" i. e., in the old orthography, Sei qui hemonem lobesum (Fest. p. 121) dolo sciens mortei

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principally on Plutarch, Vit. Marc.c. 8: каi $\lambda a \mu \beta a ́ v \epsilon \iota \nu$



Plin. H. N. xxxii. 2, 10, §20: "Pisceis quei squamosei nec sunt, nei polucetod; squamosos omneis preter scarom polucetod." Cf. Fest. s. v. Pollucere, p. 253: "Pollucere merces [quas cuivis deo liceat], sunt far, polenta, vinum, panis fermentalis, ficus passa, suilla, bubula, agnina, casei, ovilla, alica, sesama, et oleum, pisces quibus est squama, præter scarum : Herculi autem omnià esculenta, poculenta."

Id. s. v. Termino, p. 368: "Denique Numa Pompilius statuit, Eum qui terminum exarasset et ipsum et boves sacros esse." i. e. Qui terminom ecsaraset, ipsus et boveis sacrei sunto. (See Dirksen, Versuche, p. 334.)

Id. s. v. Aliuta, p. 6: "Aiuta antiqui dicebant pro aliter, . . . . hinc est illud in legibus Numæ Pompili : Siquisquam aliuta facsit ipsos Jovei sacer estod."
§ 6. Remains of the XII. Tables.

But of all the legal fragments which exhibit the prisca vetustas verborum (Cic. de Oratore, i. c. 43 ), the most copious, as well as the most important, are the remains of the Twelve Tables, of which Cicero speaks in such enthusiastic, if not hyperbolical language. These fragments have been more than once collected and explained. In the following extracts I have followed the text of Dirksen (Uebersicht der bisherigen Versuche zur Kritik und Herstellung des Textes der Zwölf-Tafel-Fragmente). The object, however, of Dirksen's elaborate work is juristic ${ }^{1}$ rather than philological; whereas I have only wished to present these fragments as interesting specimens of old Latinity.

It was probably the intention of the decemvirs to comprise their system in six double Tables; for each successive

[^33]pair of Tables seems to refer to matters which are naturally classed together. Thus Tab. i. and ii. relate to the legis actiones; Tab. iii. and iv. to the mancipium, potestas, and manus, or the rights which might be acquired over insolvent debtors, the right of a father over his son, and of a husband over his wife ; Tab. v. and vi. to the laws of guardianship, inheritance, and property ; Tab. vii. and viii. to obligationes, delicta, and crimina ; Tab. ix. and x. to the jus publicum and jus sacrum; Tab. xi. and xii. were supplementary to the ten former Tables, both in subject and in date.

## Tab. I.

Fr. 1 (i. 1, 2, Gothofredi): si . IN. jus. vocat . ni. it. antestator. igitur. em. capito. (Porphyrio ad Hor. i. Serm. 9, 65: "Adversarius molesti illius Horatium consulit, an permittat se antestari, injecta manu extracturus ad Prætorem, quod vadimonio non paruerit. De hac autem Lege xil. Tabularum his verbis cautum est: si vis vocationi testamini, igitur en capito antestari. Est ergo antestari, scilicet antequam manum injiciat." Cf. Cic. Legg. ii. c. 4 ; Aul. Gell. N. A. xx. 1 ; Auctor ad Herenn. ii. c. 13 ; Non. Marcell. de Propr. Serm. c. 1, § 20, s. v. calvitur. Lucilius, Lib. xvii.: "Si non it, capito, inquit, eum et, si calvitur ergo, Ferto manum"). It seems probable that the original form of the law was, si quis in jus vocatus nec it, antestamino, igitur (i. e. inde, postea, tum, Fest. p. 105) em (=eum) capito. Cf. Gronov. Lect. Plautin. p. 95.

Fr. 2 (i. 3): si . calvitur . pedemve . struit, . manum . endo. jacito . (Festus, p. 313). The word calvitur is explained by Gaius, L. 233, pr. D. de Verb. Sign.: " $S i$ calvitur et moretur et frustretur. Inde et calumniatores appellati sunt, quia per fraudem et frustrationem alios vexarent litibus." Pedem struere is explained by Festus, l. l.: "Alii putant significare retrorsum ire: alii, in aliam
§ 7. Tab. I.
partem: alii fugere: alii gradum augere: alii minuere, cum quis vix pedem pedi præfert, otiose it, remoratur:" and p. 210: " pedem struit in xiI. significat fugit, ut ait Ser. Sulpicius." This fragment seems to have followed close upon the previous one: see the passage of Lucilius, quoted above.

Fr. 3 (i. 4): si . morbus . aevitasve. vitium. escit, . QUI. IN . JUS . VOCABIT . JUMENTUM . DATO; . SI . NOLET . arceram . ne. sternito . (Aul. Gell. N. A. xx.1). Vitium escit means impedimento erit. Arcera is explained by Nonius Marcellus, de Propr. Serm. i. § 270: "Arcera plaustrum est rusticum, tectum undique quasi arca. Hoc vocabulum et apud Varronem et apud M. Tullium invenitur. Hoc autem vehiculi genere senes et agroti vectari solent. Varro $\gamma \epsilon \rho о \nu \tau \iota \delta \iota \delta a \sigma \kappa a ́ \lambda \omega:$ vehebatur cum uxore vehiculo semel aut bis anno cum arcera: si non vellet non sterneret."

Fr. 4 (i. 6): assiduo . vindex . assiduus . esto, . proletario . quoi . quis . volet . vindex . esto . (Aul. Gell. N. A. xvi. c. 10 ; cf. Cicero, Top. c. 2, who explains assiduus as a synonyme of locuples, and derives it, with Ælius, ab asse dando; Nonius, Propr. Serm. c. 1, § antepen., who explains proletarius as equivalent to plebeius " qui tantum prolem sufficiat." See Niebuhr, Hist. Rom. i. p. 445, note 1041).

Fr. 5 (ix. 2). Festus, p. 348: "Sanates dicti sunt, qui supra infraque Romam habitaverunt. Quod nomen his fuit, quia cum defecissent a Romanis, brevi post redierunt in amicitiam, quasi sanata mente. Itaque in xir. cautum est, ut 'idem juris esset Sanatibus quod Forctibus,' id est bonis (cf. pp. 84, 102), et qui nunquam defecerant a p. r." Whence we may supply, p. 321: " [Hinc] in xir.: 'nex[i solutique, ac] forcti sanati[sque idem jus estod'], id est, bonor[um et qui defecerant sociorum]." Where also sanas is explained from Cincius, "[quod Priscus] præter opinio-

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mille æris plurisve quingentis assibus, de minoris vero quinquaginta assibus sacramento contendebatur; nam ita lege xir. Tabularum cautum erat. Sed si de libertate hominis controversia erat, etsi pretiosissimus homo esset, tamen ut $\mathbf{L}$. assibus sacramento contenderetur eadem lege cautum est favoris causa ne satisdatione onerarentur adsertores."

Fr. 2 '(ii. 2): (a) morbus. sonticus-(b) status. dies. CUM • HOSTE-(c) SI . QUID . HORUM • FUAT • UNUM, . JUdici, . arbitrove . reove, . dies . diffensus . esto . (a) Aul. Gell. xx. c. 1: " Morbum vehementiorem, vim graviter nocendi habentem, Leg. istar. i.e. xir. Tab. 'scriptores alio in loco non per se morbum, sed morbum sonticum appellant." Fest. p. 290: "Sonticum morbum in xiI. significare ait Ælius Stilo certum cum justa causa, quem non nulli putant esse, qui noceat, quod sontes significat nocentes. Nævius ait: sonticam esse oportet causam, quam ob rem perdas mulierem." (b) Cic. de Off. i. c. 12: "Hostis enim majores nostros is dicebatur, quem nunc peregrinum dicimus. Indicant xir. Tabulæ ut: status dies cum hoste; itemque adversus hostem aterna auctoritas." Fest. p. 314: "Status dies [cum hoste] vocatur qui judici causa est constitutus cum peregrino. Ejus enim generis ab antiquis hostes appellabantur, quod erant pari jure cum populo R., atque hostire ponebatur pro aquare. Plautus in Curculione $[1.1,5]$ : si status condictus cum hoste intercedit dies, tamen est eundum, quo imperant ingratis." This passage is neglected by Dirksen, but not by Gronovius, Lectiones Plautina, p. 81. With regard to the original signification of hostis, it is very worthy of remark that the Latin hostis and the Greek $\xi^{\prime}$ 'vos, starting from opposite points, have interchanged their significations. Hos-tis originally signified " a person entertained by another," " one who has food given to him" (comp. hos-pi[t-]s, " the master of the feast," hostia, gasts, \&c. N. Crat. p. 579); but at last
it came to mean " a stranger," " a foreigner," and even " an enemy" (see Varro, L. L. p. 2, Müller). Whereas
 " one without" ([ $\left.\left.{ }^{\epsilon}\right] \xi^{\prime} \dot{\varepsilon} v o s\right)$, came in the end to signify " an entertainer" and "a friend." I cannot accept Müller's derivation of $\xi^{\prime} \boldsymbol{v}^{\prime}$ os (ad Fest. p. 102). (c) Festus, p. 273: "Reus nunc dicitur, qui causam dicit; et item qui quid promisit spoponditve, ac debet. At Gallus Ælius libro ii. Sign. Verb. qu. ad Jus pertinent, ait : Reus est, qui cum altero litem contestatam habet, sive is egit, sive cum eo actum est. Reus stipulando est idem qui stipulator dicitur, quive suo nomine ab altero quid stipulatus est, non is qui alteri adstipulatus est. Reus promittendo est qui suo nomine alteri quid promisit, non qui pro altero quid promisit. At Capito Ateius in eadem quidem opinione est: sed exemplo adjuvat interpretationem. Nam in secunda Tabula secunda lege in qua scriptum est: si quid horum fuat unum judici arbitrove reove eo die diffensus esto, hic uterque, actor reusque, in judicio rei vocantur, itemque accusator de via citur more vetere et consuetudine antiqua." Ulpian. L. lxxiv. ad Edict.: "Si quis judicio se sisti promiserit, et valetudine vel tempestate vel vi fluminis prohibitus se sistere non possit, exceptione adjuvatur; nec immerito : cum enim in tali permissione præsentia opus sit, quemadmodum potuit se sistere qui adversa valetudine impeditus est? Et ideo etiam Lex xir. Tab.: si judex vel alteruter ex litigatoribus morbo sontico impediatur, jubet diem judicii esse diffensum." I have restored diffensus both in Festus and Ulpian on the authority of Müller, who has shewn (Suppl. Annot. ad Fest. p. 401) that fendo must have been anciently a synonyme of ferio and trudo, and consequently that diffensus esto $=$ differatur.

Fr. 3 (ii. 3): cui . testimonium . defuerit, . is . tertis . diebus . ob . portum . obvagulatum . ito . (Fest. p. 233: "Portum in xiI. pro domo positum omnes fere
consentiunt: si," \&c. Id. p. 375: "Vagulatio in lege xır. [Tab.] significat quastionem cum convicio : si," \&c.).

Fr. 4 (ii. 12). "Nam et de furto pacisci lex permittit" (L. 7. § 14. D. de Pactis, Ulp. iv. ad Edictum).

TAb. III.

§ 9. Fr. 1 (iii. 4) : aeris . confessi . rebusque . jure . judicatis . triginta . dies . justi . sunto . (Aul. Gell. xx. c. 1: "Eosque dies Decemviri justos appellaverunt, velut quoddam justitium, id est juris inter eos quasi interstitionem quandam et cessationem, quibus diebus nihil cum his agi jure posset." xv. c. 13; cf. Gaius, Institut. iii. § 78, \&c.).

Fr. 2 (iii. 5): post . deinde . manus. injectio. esto; . in . jus . Ducito . (Aul. Gell. xx. c. 1; cf. Gaius, Inst. iv. §21).

Fr. 3 (iii. 6): ni . judicatum . facit (l. faxsit), . aut . QUIPS . ENDO . EM . JURE . VINDICIT, . SECUM . DUCITO; . VINCITO, . AUT . NERVO . AUT . COMPEDIBUS, . QUINDECIM . PONDO. NE. MAJORE, . AUT . SI . VOLET. MINORE. VINCITO . (Aul. Gell. xx. c. 1). We should perhaps read faxsit for facit on account of vindicit, for which see Müller, Suppl. Ann. ad Fest. p. 393. For the form quips see Gronovius ad Gell. l.; the proper reading is ques; see below, §23. For the meaning of nervus here comp. Fest. s. v. p. 765.

Fr. 4 (iii. 7): si . volet, . suo . vivito; . ni . suo . vivit, . QUI . em . vinctum . habebit, . libras. farris . endo. dies. dato; . si . volet. plus . dato. (Aul. Gell. xx. c. 1; and for the meaning of vivere compare L. 234, § 2. D. de Verb. Sign.; Gaius, L. ii. ad Leg. xiI. Tab.; Donat. ad Terent. Phorm. ii. 1, 20). The student will observe that endo dies $=$ indies.

Fr. 5 (iii. 8). Aul. Gell. N. A. xx. 1: "Erat autem jus interea paciscendi ; ac nisi pacti forent, habebantur in vinculis, dies lx.; inter eos dies trinis nundinis continuis ad

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Fr. 4 (iv. 4). Aul. Gell. iii. 16: . . " Quoniam Decemviri in decem mensibus gigni hominem, non in undecimo scripsissent;" whence Gothofredus would restore : si qui ei in $\mathbf{x}$. mensibus proximis postumus natus escit, justus esto.

TAb. V.

Fr. 1. Gaius, Inst. i. § 145: "Loquimur autem exceptis Virginibus Vestalibus, quas etiam veteres in honorem sacerdotii liberas esse voluerunt; itaque etiam lege xir. 'Tabularum cautum est." Cf. Plutarch, Vit. Num. c. 10.

Fr. 2. Id. ii. §47: " (Item olim) mulieris quæ in agnatorum tutela erat, res mancipi usucapi non poterant, proterquam si ab ipso tutore (auctore) traditæ essent: id ita lege xir. Tabularum cautum erat."

Fr. 3 (v. 1): [paterfamilias] . uti . legassit . super . pecunia . tutelave . suae . rei, . ita . jus . esto . (Ulpian, Fr. Tit. xi. § 14; Gaius, Inst. ii. § 224 ; Cic. de Invent. Rhet. ii. c. 50; Novell. Jestin. xxii. c. 2, $\& c$. .

Fr. 4 (v. 2): si . intestato . moritur . cui . suus . heres . nec . sit, . adgnatus . proximus . familiam. навето. (Ulpian, Fr. Tit. xxvi. § 1 ; cf. Gaius, Inst. iii. § 9, \& c.)

Fr. 5 (v. 3): si . adgnatus . nec . escit, . gentilis . familiam . nanxitor. (Collatio Legg. Mosaic. et Rom. Tit. xvi. § 4; cf. Gaius, Inst. iii. § 17.) I have written nanxitor for nancitor on the authority of Müller, ad Fest. p. 166, " nanxitor in xiI., nactus erit, præhenderit;" where he remarks, " nancitor quomodo futurum exactum esse possit, non intelligo, nisi correcta una littera. Ab antiquo verbo nancio fut. ex. fit nanxo, sicut a capio capso; idque translatum in pass. form. efficit nanxitur vel nanxitor, ut a turbasso fit turbassitur."

Fr. 6 (v. 7). Gaius, Inst. i. § 155 : " Quibus testamento quidem tutor datus non sit, iis ex lege xir. agnati sunt
tutores ; qui vocantur legitimi." Cf. § 157, where he says that this applied to women also.

Fr. 7 (v. 8): si . furiosus . aUt . prodigus . Escit, . ast . EI . CUSTOS . NEC. ESCIT, . ADGNATORUM . GENTILIUMQUE . in. eo . peqvuniaque . ejus . potestas . esto. (Cicer. de Invent. Rhet. ii. c. 50, gives the bulk of this passage; aut prodigus is inserted on the authority of Ulpian, §3, i. de Curationibus; and ast ei custos nec escit is derived from Festus, p. 162: "Nec conjunctionem grammatici fere dicunt esse disjunctivam, ut nec legit nec scribit, cum si diligentius inspiciatur, ut fecit Sinnius Capito, intelligi possit eam positam esse ab antiquis pro non, ut et in xir. est: ast ei custos nec escit.") For nec see above, Ch. III. § 9, and below, Ch. VII. § 5.

Fr. 8 (v.4). Ulpian, Frag. Tit. xxix. § $1 ; L .195, \S 1$. d. de Verb. Sign.: "Civis Romani liberti hereditatem lex xir. Tab. patrono defert, si intestato sine suo herede libertus decesserit-Lex: ex ea familia, inquit, in eam. familiam." Gothofredus proposes the following restoration of the law: si libertus intestato moritur cui suus heres nec escit, ast patronus patronive liberi escint, ex ea familia in eam familiam proximo pecunia adduitor.

Fr. 9 (v. 5) and 10 (v. 6). From the numerous passages which refer the law de ercti-ciscunda (as the word must have been originally written) familia to the xir. Tables (see Hugo, Gesch. d. Röm. R. i. p. 229), we may perhaps suppose the law to have been: si heredes partem quisque suam habere malint, familie ercti-ciscundce tris arbitros sumunto.

## TAb. VI.

Fr. 1 (vi. 1): cum . nexum. faciet. mancipiumque, . uti . lingua . nuncupassit, . ita . jus . esto. (Festus, p. 173 ; Cic. de Off. iii. 16, de Orator. i. 57.) Nuncupare $=$ nominare : Festus, l. l. ; Varro, L. L. vi. §60, p. 95, Müller.

Fr. 2 (vi. 2). Cic. de Offc. iii. 16: " Nam cum ex xir. Tabulis satis esset ea prastari qua essent lingua nuncupata, qua qui infitiatus esset dupli penam subiret; a jureconsultis etiam reticentiæ pœna est constituta."

Fr. 3 (vi. 5). Cic. Topic. c. 4: " Quod in re pari valet, valeat in hac, que par est; ut: Quoniam usus auctoritas fundi biennium est, sit etiam ædium: at in lege ædes non appellantur, et sunt ceterarum rerum omnium, quarum annuus est usus." Cf. Cic. pro Cacina, c. 19; Gaius, Instit. ii. § 42; and Boethius ad Top. l. c. p. 509, Orelli.

Fr. 4 (vi. 6). Gaius, Inst. i. § 111 : "Usu in manum conveniebat, quæ anno continuo nupta perseverabat:-itaque lege xir. Tab. cautum [erat], si qua nollet eo modo in manum mariti conve[nire, ut quotan]nis trinoctio abesset, atque [ita usum] cujusque anni interrumperet." Cf. Aul. Gell. iii. 2; Macrob. Saturn. i. 3.

Fr. 5 (vi. 7): si. qui . in. Jure . manum. conserunt. (Aul. Gell. xx. c. 10).

Fr. 6 (vi. 8). From Liv. iii. 44, Dionys. Hal. xi. c. 30, $\& c$., we may infer a law : pretor secundum libertatem vindicias dato.

Fr. 7 (vi. 9): tignum. junctum. aedibus. vineaeve,. e . concapite . ne . solvito - (Fest. p. 364). A great number of emendations of this passage have been proposed. The reading which I have adopted is the same as Müller's, except that I prefer concapite to his concape: compare procapis = progenies, " quæ ab uno capite procedit" (Fest. p. 225). In the same way as we have capes, capitis $\mathrm{m} .=$ miles; caput, capitis n . $=$ vertex; so we have concapis, concapitis f .=continua capitum junctura. (Comp. Madvig, Beilage zu seiner Latein. Sprachl. p. 33.)

Fr. 8 (vi. 10). L. 1. pr. D. de tigno juncto, Ulpian, L. xxxvii. ad Edictum: "Quod providenter lex [xir. Tab.] effecit, ne vel ædificia sub hoc prætextu diruantur, vel vinearum cultura turbetur; sed in eum qui convictus est

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mine [Messalla in explana]tione xir. ait etiam . . . . significari.") Properly speaking, the vicus (signifying " several houses joined together") included the villa (=vicula, Döderl. Syn. u. Et. iii. 5), which was the residence of the proprietor, and the adjoining tuguria, in which the coloni partiarii lived. All persons living in the same vicus were called vicini; and the first fragment in this table refers to the ambitus between the houses of those who lived on the same estate. The pasture-land left common to the vicini was called compascuus ager (Festus, p. 40). It is not improbable that the words compescere and impescere occurred in the xiI. Tables. See, however, Dirksen, p. 534. Ager is defined as " locus qui sine villa est" (Ulpian, L. 27. Pr. D. de V.S.). But in a remarkable passage in Festus (p. 371), the vicus is similarly described in its opposition to the villa or predium. The passage is as follows (see Müller, Suppl. Ann. p. 413): " Vici appellari incipiunt ab agris, [et sunt eorum hominum,] qui ibi villas non habent, ut Marsi aut Peligni, sed ex vicis partim habent rempublicam, [ubi] et jus dicitur, partim nihil eorum, et tamen ibi nundinæ aguntur negotii gerendi causa, et magistri vici, item magistri pagi, [in iis] quotannis fiunt. Altero, cum id genus officiorum [significatur], quæ continentia sunt in oppidis, quæve itineribus regionibusve distributa inter se distant, nominibusque dissimilibus discriminis causa sunt dispartita. Tertio, cum id genus ædificiorum definitur, quæ in oppido prive, id est in suo quisque loco proprio, ita ædificat, ut in eo ædificio pervium sit, quo itinere habitatores ad suam quisque habitationem habeat accessum : qui non dicuntur vicani, sicut ii, qui aut in oppidi vicis, aut ii, qui in agris sunt, vicani appellantur." Festus here describes (1) the vicus rusticus, (2) a street in a town, as the vicus Cyprius, and (3) a particular kind of insulated house (insula) in the city.

Fr. 4 and 5 (viii. 4, 5). Cicero de Legg. i. c. 21:
" Usucapionem xir. Tabulæ intra quinque pedes esse noluerunt." Non. Marcell. de Propr. Serm. c. 5, § 34, quotes, as the words of the law: si jurgant. "Si jurgant, inquit. Benevolorum concertatio non lis, ut inimicorum, sed jurgium dicitur." Ursinus supposes the law to have been: si vicini inter se jurgassint, intra v. pedes usucapio ne esto.

Fr. 6 (viii. 10). L. 8. d. de Servit. Pred.Rustic.: "Viæ latitudo ex lege xir. Tab. in porrectum octo pedes habet; in anfractum, id est, ubi flexum est, sedecim." Varro, L.L. vii. § 15, p. 124: "Anfractum est flexum, ab origine duplici dictum, ab ambitu et frangendo; ab eo leges ju. bent, in directo pedum viII. esse, in anfracto xvi., id est in flexu."

Fr. 7 (viii. 11). Cicero pro Cacina, c. 19: " Si via sit immunita, jubet (lex), qua velit agere jumentum." Cf. Festus, p. 21, s.v. Amsegetes. Müller and Huschke express their surprise that Dirksen and other learned jurists should have overlooked the passage in Festus, which contains the best materials for the restoration of this law. Festus (s. v. Via, p. 371) says: "Viæ sunt et publicæ, per [quas ire, agere veher]e omnibus licet: privatæ quibus [vehiculum immittere non licet] præter, eorum quorum sunt privatæ. [In xii. est: Amsegetes] vias muniunto, donicum lapides escunt: [ni munierint,] qua volet jumenta agito." See Müller, Suppl. Annot. p. 414.

Fr. 8 (viii. 9). L.5. D. ne quid in l. publ. Paulus, Lib. xvi. ad Sabinum: "Si per publicum locum rivus aquæductus privato nocebit, crit actio privato ex lege xiI. Tab. ut noxæ domino caveatur." L. 21. D. de Statuliber. Pompon. L. vii. ex Plautio: si . aqua . Pluvia . Nocet.

Fr. 9 (viii. 7). L. 1, § 8. D. de Arboribus cadend. Ulp. L. lxxi. ad Edict.: "Lex xir. Tab. efficere voluit, ut xv. pedes altius rami arboris circumcidantur." From which, and Festus, p. 348, it is proposed to restore the law: si
arbor in vicini agrum impendet, altius a terra pedes xv , sublucator.

Fr. 10 (viii. 8). Plin. H. N. xvi. c. 5: " Cautum est præterea lege xir. Tab., ut glandem in alienum fundum procidentem liceret colligere." The English law makes a similar provision respecting rabbit-burrows.

Fr. 11 (vi. 4). § 1, 41, i: de Rer. Divis.: "Venditæ vero res et traditæ non aliter emptori adquiruntur, quam si is venditori pretium solverit, vel alio modo satisfecerit, veluti expromissore, aut pignore dato. Quod cavetur quidem et lege xir. Tab., tamen recte dicitur et jure gentium, i.e. jure naturali, effici."

Fr. 12 (vi. 3). Ulpian, Fr. tit. 2, § 4 : "Sub hac conditione liber esse jussus, si decem millia heredi dederit, etsi ab herede abalienatus sit, emptori dando pecuniam, ad libertatem perveniet: idque lex xir. Tab. jubet." Cf. Fest. s. v. Statuliber. p. 314.

## Tab. VIII.

§ 14. Fr. 1 (viii. 8). Cic. de Republ. iv. 10: " Nostræ xir. Tab. VIII. Tabulæ, quum perpaucas res capite sanxissent, in his hanc quoque sanciendam putaverunt: si quis occentavisset, sive carmen condidisset, quod infamiam faceret flagitiumve alteri." Festus, p.181: "Occentassint antiqui dicebant quod nunc convitium fecerint dicimus, quod id clare, et cum quodam canore fit, ut procul exaudiri possit. Quod turpe habetur, quia non sine causa fieri putatur. Inde cantilenam dici querellam, non cantus jucunditatem puto." Plautus, Curcul. i. 2, 57; Horat. ii. Serm. 1, 80; ii. Epist. 1, 152. Gothofredus would restore the law thus: si quis pipulo (=ploratu, Fest. p. 253; cf. p. 212, s. v. pipatio) occentassit, carmenve condidisset, \&c. fuste ferito.

Fr. 2 (vii. 9) : si . membrum . rupit . ni. cum . eo . pacit, . talio. esto. (Fest. p. 363: "Permittit lex parem vindictam." Aul. Gell. xx. 1; Gaius, Inst. iii. §223).

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domum positum combusserit, vinctus verberatus igni necari jubetur, si modo sciens prudensque id commiserit: si vero casu, id est, negligentia, aut noxiam sarcire jubetur, aut si minus idoneus sit, levius castigatur: appellatione autem adium omnes species ædificii continentur."

Fr. 11 (ii. 11). Plin. H. N. xvii. 1: " Fuit et arborum cura legibus priscis; cautumque est xiI. Tabulis, ut qui injuria cecidisset alienas, lueret in singulas æris xxv."

Fr. 12 (ii. 4): si . nox . furtum . factum . sit, . si . im . occisit, . jure . caesus . esto . (Macrob. Saturn. i. c. 4). Here $n o x=n o c t u$; Aul. Gell. viii. c.1.

Fr. 13 (ii. 8). L. 54, § 2. D. de furt. Gaius, Lib. xiii. ad Edict. Provinc.: "Furem interdiu deprehensum non aliter occidere lex xir. Tab. permisit, quam si telo se defendat."

Fr. 14 (ii. 5-7). Aul. Gell. xi. c. 18: " Ex ceteris autem manifestis furibus liberos verberari addicique jusserunt (decemviri) ei, cui factum furtum esset, si modo id luci fecissent, neque se telo defendissent : servos item furti manifesti prensos verberibus affici et e saxo præcipitari; sed pueros impuberes prætoris arbitratu verberari voluerunt, noxamque ab his factam sarciri." Cf. Gaius, iii. § 189. For the last part, cf. Fr. 9.

Fr. 15 (ii. 9). Gaius, Inst. iii. § 191, 192: "Concepti et oblati (furti) pœna ex lege xir. Tab. tripli est,- precipit (lex) ut qui quærere velit, nudus quærat linteo cinctus, lancem habens; qui si quid invenerit, jubet id lex furtum manifestum esse." Cf. Aul. Gell. xi. 18, xvi. 10.

Fr. 16 (ii. 10) : si . adorat . furto . Quod . nec . manifestum . escit . (Fest. p. 162. Gaius, Inst. iii. § 190 : " Ncc manifesti furti per leg. xir. Tab. dupli irrogatur"). For the use of adoro, see Fest. p. 19: " Adorare apud antiquos significabat agere, unde et legati oratores dicuntur, quia mandata populi agunt :" add, Fest. s. v. oratores, p. 182; Varro, L. L. vi. § 76, vii. § 41, \&c.

Fr. 17 (ii. 13). Gaius, Inst. ii. §45: "Furtivam (rem) lex xir. Tab. usucapi prohibet."

Fr. 18 (iii. 2). Cato, R. R. proœm. : " Majores nostri sic habuerunt, itaque in legibus posuerunt, furem dupli damnari, fœneratorem quadrupli." Tacit. Annal. vi. 16: " Nam primo xıi. Tabulis sanctum, ne quis unciario fænere amplius exerceret." See Niebuhr, H. R. iii. 50, sqq., who has proved that the foenus unciarium was $\frac{1}{12}$ of the principal, i.e. $8 \frac{1}{3}$ per cent for the old year of ten months, and therefore 10 per cent for the civil year.

Fr. 19 (iii. l). Paulus, Rec. Sent. ii. tit. 12, § 11 : "Ex causa depositi lege xir. Tab. in duplum actio datur."

Fr. 20 (vii. 16). L. i. § 2. D. de suspect. Tutoribus: " Sciendum est suspecti crimen e lege xir. Tab. descendere." L. 55, § 1. D. de Admin. et Peric. Tutor.: " Sed si ipsi tutores rem pupilli furati sunt, videamus, an ea actione, quæ proponitur ex lege xir. Tab. adversus tutorem in duplum, singuli in solidum teneantur."

Fr. 21 (vii. 17): patronus . si . clienti . fraudem . fecerit . sacer . esto . (Servius, on Virgil's words, Aneid. vi. 609: "pulsatusve parens, et fraus innexa clienti"). I can suppose that the original had fraudem frausus siet: see Festus, p. 91, and Gronov. Lect. Plaut. p. 33, ad Asin. ii. 2, 20.

Fr. 22 (vii. 11): qui . se. sierit . testarier, . libripensve. fuerit, . ni . testimonium . fariatur(?), . improbus . intestabilisque . esto . (Aul. Gell. xv. 13).

Fr. 23 (vii. 12). Aul. Gell. xx. 1 : "An putas, si non illa ex xir. Tab. de testimoniis falsis pœna abolevisset, et si nunc quoque, ut antea, qui falsum testimonium dixisse convictus esset, e saxo Tarpeio dejiceretur, mentituros fuisse pro testimonio tam multos quam videmus?"

Fr. 24 (vii. 13). Pliny, in the passage quoted in Fr. 9, implies that involuntary homicide was but slightly punished. The fine in such a case seems to have been a ram
(Serv. ad Virg. Ecl. iv. 43) ; and the law has been restored thus (with the help of Cic. de Orat. iii. 39, Top. 17) : si quis hominem liberum dolo sciens morti dedit, parricida esto : at si telum manu fugit pro capite occisi et natis ejus arietem subjicito.

Fr. 25 (vii. 14). From Plin. H. N. xxviii. 2, and L. 236, pr. D. de Verb. Sign., the following law has been restored: qui . malum . Carmen . incantassit . [Cereri . sacer . esto]. [qui] . malum . venenum. [faxit . duitve. parricida . Esto].

Fr. 26 (ix. 6). Porcius Latro, Declam. in Catilin. c. 19: " Primum xiI. Tabulis cautum esse cognoscimus, ne quis in urbe coetus nocturnos agitaret." Which Ursinus restores thus: qui calim endo urbe nox coit, coiverit, capital estod.

Fr. 27 (viii. 2). L. 4. D. de Colleg. et Corporibus: "Sodales sunt, qui ejusdem collegii sunt; quam Græci étaıplav vocant. His autem potestatem facit lex, pactionem quam velint sibi ferre, dum ne quid ex publica lege corrumpant."

> TAB. IX.
§15. Fr. 1 (ix. 1). Cicero pro Domo, c. 17: "Vetant xil. Tab. IX. Tabulæ leges privis hominibus irrogari."

Fr. 2 (ix. 4). Cicero de Legibus, iii. 19: "Tum leges præclarissimæ de xı. Tabulis translatæ duæ: quarum . . . altera de capite civis rogari, nisi maximo comitatu, vetat." Cf. Cicero pro Sextio, c. 30.

Fr. 3 (ix. 3). Aul. Gell. xx. 1: " Dure autem scriptum esse in istis legibus (sc. xiI. Tab.) quid existimari potest? nisi duram esse legem putas, quæ judicem arbitrumve jure datum, qui ob rem dicendam pecuniam accepisse convictus est, capite pœnitur." Cf. Cicero, Verr. Act. ii. lib. ii. c. 32.

Fr. 4 (ix. 5). : L. 2, § 23. D. de Orig. Jur.: " Quæstores constituebantur a populo, qui capitalibus rebus præes-

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dicunt arculam esse thurariam, scilicet ubi thus reponebant." Festus, s. v. Murrata potione (p. 158), seems also to refer to this law, which, according to Gothofredus, ran thus: Servilis unctura omnisque circumpotatio auferitor. Murrata potio mortuo ne inditor. Ne longa corona, neve acerra praferuntor.

Fr. 7 (x. 11) : QUI . CORONAM • PARIT . IPSE, . PECUniave. ejus, . virtutis. ergo. duitor . ei . (Plin. H. N. xxi. 3 ; cf. Cic. de Leg. ii. 24).

Fr. 8 (x. 12). Cic. de Leg. ii. 24: "Ut uni plura (funera) fierent, lectique plures sternerentur, id quoque ne fieret lege sancitum est."

Fr. 9 (x. 13) : neve. aurum. addito. quoi. auro. dentes. Vincti. escunt, . ast . im . Cum . illo. SEPElire . urereve . se . fraude . esto . (Cic. de Leg. ii. 24). Se, it need hardly be observed, is an old particle equivalent in meaning to sine. They both spring from the same pronominal root, and are distinguished only by caseendings, which are often convergent in signification. $S e=$ sed is an ablative form, which in later Latin appears only in composition (se-motus, se-gregatus, se-dulus, \&c. Sine accords in form with the Sanscrit instrumental, and was used as a separate preposition to the latest period of the language. The same is the case with the Greek кá and катá; the former being used only in composition in later Greek (as кát $\epsilon \epsilon \tau o v$, Pind. O. viii. 38), while the latter retains to the end its regular prepositional functions.

Fr. 10 (x. 14). Id. ibid.: " Rogum bustumve novum vetat (lex xif. Tab.) propius Lx. pedes adici ædeis alienas, invito domino."

Fr. 11 (x. 15). Id. ibid.: "Quod autem fordm, id est vestibulum sepulchri, bustumve . usucapi . vetat (lex xiI. Tab.) tuetur jus sepulchrorum." Comp. Festus, s. v. Forum, p. 84.

## Tab. XI.

Fr. 1 (xi. 2). Liv. iv. c. 4 : " Hoc ipsum, ne connubium patribus cum plebe esset, non Decemviri tulerunt?" Cf. Dion. Hal. x. c. 60, xi. c. 28.

## Tab. XII.

Fr. 1 (xii. 1). Gaius, Inst. iv. § 28: " Lege autem introducta est pignoris capio, velut lege xir. Tab. adversus eum, qui hostiam emisset, nec pretium redderet; item adversus eum, qui mercedem non redderet pro eo jumento, quod quis ideo locasset, ut inde pecuniam acceptam in dapem, id est in sacrificium, inpenderet."

Fr. 2 (xii. 4): " In lege antiqua, si servus sciente domino furtum fecit, vel aliam noxiam commisit, servi nomine actio est noxalis, nec dominus suo nomine tenetur. si . servus . furtum . faxit, . noxiamve . nocuit." (L. ii. § 1. D. de Noxal. Actionibus).

Fr. 3 (xii.3): si. vindiciam . falsam. tulit, . stlitis. [et. vindiciarum. prae]tor.arbitros. tres. dato, . eorum. arbitrio. [possessor sive reus]. fructus. duplione . damnum . decidito . (Festus, s. v. Vindicia, p. 376. I have introduced the corrections and additions of Müller). Cf. Theodos. Cod. iv. 18, 1.

Fr. 4 (xii. 2). L. 3. d. de Litigios.: " Rem, de qua controversia est, prohibemur in sacrum dedicare; alioquin dupli pœnam patimur."

Fr. 5 (xi. 1). Liv. vii. 17 : " ln xir. Tabulis legem esse, ut, quodcunque postremum populus jussisset, id jus ratumque esset."

These remains of the xiI. Tables, though referring to an early period of Roman history, are merely quotations, and as such less satisfactory to the philological antiquary than monumental relics even of a later date. The oldest,
§ 17. Tab. XI. § 18. Tab. XII.
however, of these authentic documents is not earlier than the second Samnite war. It is a senatus-consultum, " which gives to the Tiburtines the assurance that the senate would receive as true and valid their justification in reply to the charges against their fidelity, and that it had given no credit, even before, to these charges" (Niebuhr, H. R. iii. p. 264, tr.). ${ }^{1}$ The inscription was engraved on a bronze table, which was found at Tivoli in the sixteenth century, near the site of the Temple of Hercules. About a hundred years ago it was in the possession of the Barberini family, but is now lost; at least, Niebuhr was unable to discover it, though he sought for it in all the Italian collections, into which the lost treasures of the house of Barberini were likely to have found their way. Niebuhr's transcript (from Gruter, p. 499), compared with Haubold's (Monumenta Legalia, p. 81), is as follows.

## 1. L. Cornelius Cn. F. Praetor Senatum consuluit a. d. ini. Nonas Maias sub aede Kastorus:

2. scribendo adfuerunt A. Manlius A. F. Sex. Julius, Lucius Postumius S. ${ }^{2}$ F.
3. Quod Teiburtes verba fecerunt,-quibusque de rebus vos purgavistis, ea Senatus
4. animum advortit, ita utei aequom fuit: nosque ea ita audiveramus
5. ut vos deixsistis vobeis nontiata esse : ea nos animum nostrum
6. non indoucebamus ita facta esse propter ea quod scibamus
[^34]
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who does not, however, enter upon any criticism of the text. It will be as well to cite here the three oldest of them, which are composed in the Saturnian metre.
(a) Epitaph on L. Cornelius Scipio, who was consul in A. U.c. 456 .

## Cornelio' Cn. F. Scipio

Cornéliúus Lúcius | Scipió Barbátus
Gnaívod pátre prognátus $\mid$ fórtis vír sapiénsque,
Quoíus fórma vírtu|teí parissuma fúit.
Consúl censór Aidílis | quí fúit apúd vos,
Taùrásiá’ Cisaúna’ | Sámnió’ cépit,
Sùbígit ómne Loúcana' | ópsidésque abdoúcit. ${ }^{1}$
(b) Epitaph on the son of the above, who was ædile in A. U.c. 466 ; consul, 494.

> L. Cornelio' L. F. Scipio
> Aidiles . Cosol . Cesor .

Hònc oíno' ploírumé co|séntiúnt $R$ [ománi]
Duònóro' óptumó' | fúise viro'
Lúciom Scípiónem. | Fuliós Barbáti
Cònsól, Censór, Aidîles | híc fuét [apúd vos].
Hèc cépit Córsicá | 'Aleria'que úrbe',
Dèdét tempéstatébus | aídé’ meréto. ${ }^{2}$
(c) Epitaph on the Flamen Dialis P. Scipio, son of the elder Africanus, and adoptive father of the younger.

Què̀ ápice', insígne diális | fáminís gesístei, Mòrs pérfecít tua ut éssent | ómniá brévia, Honos fáma virtúsque | glória átque ingénium.

[^35]> Quibus sei in longá licuiset | tíbe útier vita, Facile fácteis súperáses $\mid$ glóriám majórum.
> Quà ré lubéns te in grémiu', | Scípio, récipit térra, Públi, prógnátum | Públió, Cornéli.l

It will be observed, that in these interesting monuments we have both that anusvârah, or dropping of the final $m$, which led to ecthlipsis (e.g. duonoro' for bonorum), and also the visarga, or evanescence of the nominative $s$ (as in Cornelio for Cornelius). We may remark, too, that $n$ seems not to have been pronounced before $s$ : thus we have cosol, cesor, for consul, censor, according to the practice of writing cos. for consul (Diomed. p. 428, Putsch). The phraseology, however, does not differ in any important particulars from the Latin language with which we are familiar.

The metre in which these inscriptions are composed is deserving of notice. That they are written in Saturnian verse has long been perceived; Niebuhr, indeed, thinks that they " are nothing else than either complete nenias, or the beginnings of them" (H. R. i. p. 253). It is not, however, so generally agreed how we ought to read and divide the verses. For instance, Niebuhr maintains that patre, in $a, 2$, is " beyond doubt an interpolation;" to me it appears necessary to the verse. He thinks that there is no ecthlipsis in apice', $c, 1$; I cannot scan the line without it. These are only samples of the many differences of opinion which might arise upon these short inscriptions: it will therefore, perhaps, be desirable that a few general remarks should be made on the Saturnian metre itself, and that these remarks should be applied to the epitaphs before

[^36]us, which are the oldest Latin specimens of the Saturnian lay. ${ }^{1}$

That the Saturnian metre was either a native of Italy, or naturalised there at a very early period, has been sufficiently shewn by Mr. Macaulay (Lays of Ancient Rome, p. 23). It is, perhaps, not too much to say, that this metre, - which may be defined in its pure form as a brace of trochaic tripodiæ, preceded by an anacrusis, -is the most natural and obvious of all rhythmical intonations. There is no language which is altogether without it; though, of course, it varies in elegance and harmony with the particular languages in which it is found, and with the degree of literary advancement possessed by the poets who have written in it. The Umbrians had this verse as well as the Latins; at least there can be no doubt that the beginning of the vi. Eugubine Table is pervaded by a Saturnian rhythm, though the laws of quantity which the Latins borrowed from the Greeks are altogether neglected in it. The following may serve as a sample:
'Esté perskló aveís alsériáter enétu. Pàrfá kurnáse dérsva $\mid$ peíqu peíca mérstu, Poei ángla áseriáto est | éso trémnu sérse.

These verses are, in fact, more regular than many of the Latin specimens. The only rule which can be laid down for the genuine Latin Saturnian is, that the ictus must occur three times in each member of the verse, ${ }^{2}$ and that any thesis, except the last, may be omitted (see Müller, Suppl. Annot. ad Fest. p. 396). The anacrusis, at the beginning of the line, is often necessary in languages which,

[^37]
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could form a verse. And conversely, if the anacrusis was wanting, the Saturnius could extend itself to a triplet of
the number of imperfect trochees which follow the dactyls in this logaodic rhythm. Thus we have nothing but dactyls in

Sic te | díva po|téns Cypri : \|
we have one imperfect trochee or dactyl in
Sic fra|trés Hele|naé || lúcida | sídera; ||
and two imperfect feet of the same kind in
Tu ne | quaésie|rís || scíre ne|fás || quém mihi| quém tibi. ||
The cretic bears the same relation to the trochaic dipodia that the choriambus does to the dactylic dipodia, or logaœedic verse; and it was in consequence of this reduction of the trochaic dipodia to the cretic that the ancient writers on music were enabled to find a rhythmical identity between the dactyl and the trochaic dipodia (see Muller, Liter. of Greece, i. p. 228). It appears to me that this view of the question is calculated to settle the dispute between those who reject and those who maintain the termination of a line in the middle of a word. If every compound foot is a sort of conclusion to the rhythm, many rhythms must end in the middle of a word; and therefore such a cæsura cannot be in itself objectionable. We can hardly take any strophe in Pindar without finding some illustration of this. As a specimen, I will subjoin the first strophe of the ix. Olympian ode, with its divisions according to the rhythm :





```
\grave{\alpha}\lambda\lambdad}|\nu\hat{\nu
\Delta\iota\alpha}\boldsymbol{\tau\epsilon}
```



```
\tau0\iota|0\imath\sigma\sigma\delta\epsilon \beta\epsilon'|\lambda\epsilon\sigma\sigma\iota\nu |
```




In general, it seems unreasonable to call a number of syllables in which the ictus occurs more than once by the name of "foot" (pes); for the foot, so called, is defined by the stamp of the foot which marks the ictus, and therefore, as above suggested, the half-Saturnius would be called tri-pudıum, because it consisted of three feet. For instance, if 'A $\rho \chi i \lambda b \chi o u \mu$ '́ $\lambda o s$ had no ictus except on the first and fourth syllables of 'A $\rho \chi \iota \lambda 6 \chi$ ov, we might scan it as two dactyls; but if, as the analogy of $-\nu \hat{a} \in \nu$ ' $O \lambda \nu \mu \pi l o v$ would seem to indicate, it had an ictus on the last syllable of $\mu^{\prime} \lambda$ ios, we must scan the words as a dactyl + trochee + ictus.
tripodiæ. We have instances of both practices in the old Latin translation of an epigram, which was written, probably by Leonidas of Tarentum, at the dedication of the spoils taken in the battles of Heraclea and Asculum (b.c. 280, 279), and which should be scanned as follows:

## Qui ántedhác invícti |fúvére víri | páter optime Olýmpi\| <br> Hòs égo in púgna vícill <br> Vìctúsque súm ab ísdem\|

Niebuhr suggests (iii. note 841) that the first line is an attempt at an hexameter, and the last two an imitation of the shorter verse; and this remark shews the discernment which is always so remarkable in this great scholar. The author of this translation, which was probably made soon after the original, could not write in hexameter verse, but he represented the hexameter of the original by a lengthened form of the Saturnius, and indicated the two penthemimers of the pentameter by writing their meaning in two truncated Saturnians, taking care to indicate by the anacrusis that there was really a break in the rhythm of the original pentameter, although it might be called a single line according to the Greek system of metres.

To return, however, to the epitaphs of the Scipios. The scansion of the lines which I have adopted is sufficiently indicated by the metrical marks placed over the words. It is only necessary to add a few explanatory observations. With the exception of a. 3, b. 3, and c. 7, every line begins with an anacrusis, or unaccentuated thesis; and it seems to be a matter of indifference whether this is one long or two short syllables. The vowel $i$ is often pronounced like $y$ before a vowel, as in Lúcyus (a. 1), Lúcyom (b. 3), dyális (c. l), brévya (c. 2), ingényum (c. 3), útyer (c. 4), grémyu (c. 6), Scípyo (ibid.). And $u$ is pronounced like $w$ in c. 2. The rules of synalœpha and ecthlipsis are sometimes attended to (as in a. 6), and sometimes neglected
(as in b. 5, c. 4). The quantity of fuisse and viro' in b. 2, may be justified on general principles; for fuisse is properly fuivisse, and viro is written veiro in Umbrian. But there is no consistency in the syllabic measurement of the words; for we have füet in b. 4. Facile, in c. 5, makes a thesis in consequence of that short pronunciation which is indicated by the old form facul (Fest. p. 87, Müller). As all the other verbs in epitaph $a$ are in the perfect tense, it seems that subigit and abdoucit, in the last line, must be perfect also. Indoucimus is perhaps a perfect in the Tiburtine inscription (l. 10) : " postquam senatus audivit, tanto magis-indoucimus;" and subigit was probably pronounced sŭbîğ̌t. The beginning of $b$. seems to have been the conventional phraseology in these monumental nenias. The sepulchre of A. Attilius Calatinus, which stood near those of the Scipios at the Porta Capena (Cic. Tusc. Disp. i. 7, § 13), bore an inscription beginning in much the same way:

Hònc oíno ploírumé co|séntiónt géntes. Populí primáriúm | fúisse vírum.
(Comp. Cic. de Finibus, ii. 35, § 116 ; Cato M. 17, 61).
§ 21. The Columna Rostrata.

The Columna Rostrata, as it is called, was found at the foot of the Capitol in the year 1565. Its partial destruction by lightning is mentioned by Livy (xlii. 20); and it was still standing, probably in the existing copy, when Serviius wrote (ad Virgil. Georg. iii. 29). It refers to the well-known exploits of C. Duilius, who was consul B.c. 260, a.U.c. 494. This inscription, with the supplements of Ciacconi, and a commentary, was published by Funck, in his treatise de Orig. et Puer. L. L. p. 302, sqq. It is here given with the restorations of Grotefend (Orelli, no. 549).
[C. Duilios, M. F. M. N. Consol advorsum Poenos en Siceliad Sicest $]$ ano [s socios

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[collegi]t quod duo Silii P. et M. Trib. pleb. rogarint his verbis :

Ex ponderibus publicis, quibus hac tempestate populus oetier solet, uti coaequetur ${ }^{(1)}$ sedulum, ${ }^{(2)}$ uti quadrantal vini octoginta pondo siet; congius vini decem p. siet; sex sextari congius siet vini; duo de quinquaginta sextari quadrantal siet vini; sextarius aequus aequo cum librario siet; ${ }^{(3)}$ sex dequimque ${ }^{(4)}$ librari in modio sient.

Si quis magistratus adversus hac'd. m. pondera modiosque vasaque publica modica, majora, minorave faxit, jusseritve ${ }^{(5)}$ fieri, dolumve adduit quo ea fiant, eum quis-volet magistratus ${ }^{(6)}$ multare, dum minore parti familias taxat, ${ }^{(7)}$ liceto; sive quis im $^{(8)}$ sacrum judicare voluerit, liceto."

The Latinity of this fragment requires a few remarks. (1) cooquetur. In the Pompeian Inscription (Orelli, no. 4348) we have: mensuras exaquandas. (2) Sedulum. Scaliger suggests se dolo m. i. e. sine dolo malo. But sedulo or sedulum itself signifies "sine fraude indiligentiæve culpa" (Müller ad l.), and the law refers to the care and honesty of those who were to test the weights and measures. For sedulus, see Döderl. Syn. u. Et. i. p. 118. (3) "Nihil intelligo nisi librarius qui hic significatur sextarius frumenti erat." Müller. (4) Sex dequimque=sex decimque, the $q u$ being written instead of $c$. (5) The editions have jussit ve re, for which Müller writes jussitve; Haubold (Monumenta Legalia) proposes jusseritve, " propter sequens re;" and I have adopted this reading on account of the word
faxit, which precedes. (6) Quis volet magistratus. Cf. Tab. Bantin. Osc. 12. Lat.7. (7) Dum minore parti familias taxat. Compare the Latin Bantine Inscription, l. 10: [dum minoris] partus familias taxsat. Cato, apud Aul. Gell. vii. 3: "Quæ lex est tam acerba quæ dicat, si quis illud facere voluerit, mille nummi dimidium familiae multa esto?" The abl. parti (which occurs in Lucretius) and the genitive partus (comp. Castorus in the Bantine Inscription, ejus, cujus, \&c.) depend on multare and multam, which are implied in the sentence. For taxat, see Fest. p. 356. These passages shew the origin of the particle dumtaxat, which is used by the classical writers to signify " provided one estimates it," " estimating it accurately," " only," " at least," "s so far as that goes," \&c. ${ }^{1}$ (8) Im=eum. Fest. p. 103.

The Lex Papiria de Sacramento, which is to be referred to the year b.c. 243, a.v.c. 511, is thus cited by Festus s.v. Sacramentum, p. 344: " Sacramentum æs significat, quod pœnæ nomine penditur, sive eo quis interrogatur, sive contenditur. Id in aliis rebus quinquaginta assium est, in aliis rebus quingentorum inter eos, qui judicio inter se contenderent. Qua de re lege L. Papiri Tr. pl. sanctum est his verbis :

Quicunque Praetor post hac factus erit qui inter cives jus dicet, tres viros Capitales populum rogato, hique tres viri [capitales], quicunque [posthac fa]cti erunt, sacramenta ex[igunto], judicantoque, eodemque jure sunto, uti ex legibus plebeique scitis exigere, judicareque, esseque oportet."

[^38]§ 23. The Senatus Consultum de Bacchanalibus, which is re-

The Senatus Consultum de Bacchanalibus. ferred to by Livy (xxxix. 14), and which belongs to the year b.c. 186, A.U.c. 568, was found at Terra de Teriolo in Calabria, in 1640, and is now at Vienna, where I have carefully examined it. A facsimile of the inscription, with the commentary of Matthæus Ægyptius, will be found in Drakenborch's Livy, vol. vii. p. 197, sqq.

1. [Q.] Marcius L. F. S. Postumius L. F. Cos. Senatum consoluerunt $N .{ }^{1}$ Octob. apud aedem
2. Duelonai sc. ${ }^{2}$ arf. ${ }^{3}$ M. Claudi M. F. L. Valeri P. F. Q. Minuci C. F. de Bacanalibus quei foideratei
3. Esent ita exdeicendum censuere neiquis eorum Sacanal ${ }^{4}$ habuise velet sei ques ${ }^{5}$
4. esent quei sibei. deicerent necesus ${ }^{6}$ ese Bacanal habere eeis utei ad pr. urbanum
5. Romam venirent deque eeis rebus ubei eorum v tr $a^{7}$ audita esent utei senatus
6. noster decerneret dum ne minus senatoribus c. adesent $[q u o m e] a$ res cosoleretur
7. Bacas ${ }^{8}$ vir ne quis adiese ${ }^{9}$ velet ceivis Romanus neve nominus Latin[i] neve socium
8. quisquam nisei pr. urbanum adiesent isque de senatuos sententiad dum ne
9. minus senatoribus c. adesent quom ea res cosoleretur iousisent censuere
10. sacerdos ne quis vir eset magister neque vir neque mulier quisquam eset

| Nonis. | 2 scribendo. | ${ }^{3}$ adfuerunt. | + Bacchanal. |
| :---: | :---: | :---: | :---: |
| ${ }^{5}$ ques $=$ quei. | See Klenze, Legis | Servilice Fr.p | t. 2; Fest. p. 261. |
| necessum. | 7 l. verba. | 8 i.e. Bacchas. | ${ }^{9}$ adiisse. |

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25. scriptum est eeis rem caputalem faciendam censuere atque utei
26. hoce in tabolam ahenam inceideretis ita senatus aiquom censuit
27. uteique eam figier joubeatis ubei facilumed ${ }^{1}$ gnoscier potisit ${ }^{2}$ atque
28. utei ea Bacanalia sei qua sunt exstrad quam sei quid ibei sacri est
29. ita utei suprad scriptum est in diebus $\mathbf{x}$ quibus vobeis tabelai ${ }^{3}$ datai
30. erunt faciatis utei dismota sient in agro Teurano. ${ }^{4}$

| § 24. <br> The old Roman law on the Bantine Table. | The Roman law on the Bantine Table is probably not older than the middle of the seventh century. The chief reason for introducing it here, is its connexion in locality, if not in import, with the most important fragment of the Oscan language (above, p. 86). Klenze divides it into four sections. His transcription and supplements are as follows (Rhein. Mus. for 1828, p. 28, sqq.; Phil. Abhandl. p. 7, sqq.). |
| :---: | :---: |

Cap. 1. On the degradation of offenders.

1. . . . . . e . in poplico joudicio nesep
2. . . . . o . neive quis mag. testumonium poplice eid[em sinito den]ontiari
3. . . . . dato neive is in poplico luuci praetextam neive soleas habeto neive quis

[^39]4. [mag. prove. mag. prove quo imperio potestateve erit qu]eiquomque comitia conciliumve habebit eum sufragium ferre nei sinito.
L. 2. See Quinctil. v. 7, §9: " Duo sunt genera testium, aut voluntariorum aut quibus in judiciis publicis lege denuntiatur."
L. 3. luuci, " by day." Plaut. Cas. iv. 2, 7: " Tandem ut veniamus luci." Cic. Phil. xii. 10, § 25: "Quis audeat luci-illustrem aggredi?"

Cap. 2. On the punishment of judges and senators who violate the law.
5. [seiquis joudex queiquomque ex hace leg.c] plebeive scito factus erit senatorve fecerit gesseritve quo ex hace lege
6. [minus fiant quae fieri oportet quaeve fieri oportu]erit oportebitve non fecerit sciens d. m., seive advorsus hance legem fecerit.
7. [gesseritve sciens d. m. ei multa esto . . . eamque pequniam] quei volet magistratus exsigito sei postulabit quei petet pr. recuperatores
8. [dato • . . . . . . facit]oque eum sei ita pareat condumnari popul. facitoque joudicetur sei condemnatus
9. [fuerit ut pequnia redigatur] ad Q. urb[an.] aut bona ejus poplice possideantur facito . seiquis mag. multam inrogare volet
10. [apud populum dum minoris] partus familias taxsat liceto eiq. omnium rerum siremps lexs esto quasei sei is haace lege

## 11. [condemnatus fuerit]

L. 10. dum minoris partus familias taxsat. See above, § 22, on the Lex Silia. Partus is the genitive case, like Castorus, cap. 3, l. 15. Siremps is explained by Festus, p. 344: "Siremps ponitur pro eadem, vel, proinde ac ea, quasi similis res ipsa. Cato in dissuadendo legem . . . . relicta est: Et præterea rogas, quemquam adversus ea si populus condempnaverit, uti siremps lex siet, quasi adversus leges fecisset."

Cap. 3. On binding the judges and magistrates by an oath to observe the law.
12. [Cos. Pr. . . . qu]ei nunc est is in diebus v proxsumeis quibus queique eorum sciet h.l. popolum plebemve
13. [joussisse jouranto - - ] Dic. cos. pr. mag. eq. cens. aid. tr. pl. q. n 1 vir cap. nivir a.d.a.joudex ex h.l. plebive scito
14. [factus queiquomque eorum p]osthac factus erit eis in diebus v proxsumeis quibus quisqque eorum mag. inperiumve inierit, jouranto
15. [ — —in ae]de Castorus palam luci in forum vorsus et eidem in diebus v apud $\mathbf{Q}$. jouranto per Jovem deosque
16. [penateis sese quae ex h.l. oport]ebit facturum neque sese advorsim h. l. facturum scientem d.m. neque seese facturum neque intercesurum 17. [ne ex h.l. fiant quae oportet. Qu]ei ex h.l. non jouraverit is magistratum inperiumve nei petito neive gerito neive habeto neive in senatu
18. [si adfuerit sententiam dicere e]um quis sinito

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## CHAPTER VII.

## ANALYSIS OF THE LATIN ALPHABET.


#### Abstract

§ 1. Organic classification of the original Latin alphabet. § 2. The labials. § 3. The gutturals. § 4. The dentals. § 5. The vowels. § 6. The Greek letters used by the Romans. § 7. The numeral signs.


§ 1. The genuine Latin alphabet,-or that set of characters

Organic classification of the original Latin alphabet. which expressed in writing the sounds of the Roman language before it had borrowed from the Greek a number of words, and the means of exhibiting them to the eye,may be considered as consisting of nineteen letters; that is, of the representatives of the original Cadmean syllabarium (which consisted of sixteen letters);-the secondary vowels, or vocalised consonants, $I$ and $U$, and the secondary sibilant $\mathrm{x}=s h$, being added as a necessary appendix.

If we distribute these nineteen letters according to their natural or organic classification, we shall have the following arrangement:-

## CONSONANTS.

|  | Labials. | Gutturals. | Dentals. |
| :--- | :---: | :---: | :---: |
| Medials . . . | B | G | D |
| Aspirates . . | F | H | R |
| Tenues . . . | P | Qv | T |
| Liquids . . . | M |  | $\mathrm{L}, \mathrm{N}$ |
| Sibilants . . . |  | $\mathrm{X}, \mathrm{S}$ |  |

VOWELS.

| Vowels of Ar- <br> ticulations . | A | Heaviest. <br> E | Lightest. <br> O |
| :---: | :---: | :---: | :---: |
| Vocalised <br> Consonants | U | Vocalised Labial. | Vocalised Guttural, or <br> Dental. <br> I |

It will be most convenient, as well as most methodical, to consider these letters according to this classification, which will be justified by the investigation itself.

## LABIALS.

The labials consist of three mutes and the liquid m. The regular changes of the labial mutes, in the principal languages of the Indo-Germanic family, have been thus indicated by James Grimm, to whom we owe the discovery of a most important law (Deutsche Gramme. i. p. 584), which may be stated thus in its application to all three orders of mutes :


This law, applied to the labials only, may be expressed in the following table:

| Latin, (Greek, Sanscrit) | B | F | P |
| :--- | :--- | :--- | :--- |
| Gothic • . . . . . | P | B | F |
| Old High German . . . | F | P | B (V) |

To take the instances given by Grimm himself, - the first column is confirmed, as far as the Latin language is concerned, by the following examples: cannabis (cávva-
$\beta \iota \varsigma)$, Old Norse hanpr, Old High German hanaf; turba ( $\theta o \rho v ́ \beta \eta$ ), Goth. thaúrp, O. H. G. dorof; stabulum, O. N. stöpull, O. H. G. staphol. To which may be added, labi, Anglo-Saxon slipan, O. H. G. sliuffan. These instances are confined to the occurrence of the labials in the middle of words; for there are no German words beginning with $P$, and no H. G. words beginning with $F$.

The second column is supported as follows: Initials fagus (фךүós), O. N. beyki, O. H. D. puocha; fero ( $\phi \epsilon ́ \rho \omega$ ), Goth. baíra, O. H. G. piru; fui (ф'́ $\omega$ ), Ang.-Sax. beion, O. H. G. pim ; flare, Goth. blasan, O. H. G. plasan; fra-ngere ( $\rho \dot{\eta} \gamma \nu \nu \mu \iota)$, Goth. brikan, O. H. G. prëchan; folium ( $\phi u ́ \lambda \lambda o \nu$ ), O. N. blad, O. H. G. plat; frater ( $\phi \rho \eta \tau \eta \dot{\eta})$, Goth. brothar, O. H. G. pruoder. The Latin language furnishes no instances of this rule in its application to the middle sounds. In $\nu \epsilon \phi \epsilon ́ \lambda \eta$, $\kappa \epsilon \phi a \lambda \eta$, $\gamma \rho a ́ \phi \epsilon \iota \nu$, and such like, the Latin equivalents present $b$ or $p$; compare nebula, caput, s-cribere. The reason for this is to be sought in the aversion of the Roman ear from $F$ as a middle sound.

The third column rests on the following induction: Initials-pes (pedis), Goth. fôtus, O. H. G. vuoz ; piscis, Goth. fisks, O. H. G. visc ; pater, Goth. fadrs, O. H. G. vatar; plenus, Goth. fulls, O. H. G. vol; pecus, Goth. faíliu, O. H. G. vihu ; palma, Angl.-Sax. folma, O. H. G. volma; pellis, Goth. fill, O. H. G. vël; pullus, Goth. fula, O. H. G. volo ; primus, Goth. frumists, O. H. G. vromist. Middle sounds - sopor, O. N. svefin, O. Sax. suëlhan; septem, Angl.-Sax. sëfon, Goth. sibun; afer, Angl.-Sax. ëofor, O. H. G. èbar; super, Goth. ufar, O. N. yfir, O. H. G. ubar; rapina, Angl.-Sax. reáf, O. H. G. roub.

These may be taken as proofs of the general application of Grimm's rule to the Latin labials. If, however, we examine the use of the separate letters more minutely, we shall find great vacillation even within the limits of the Latin language itself.

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sometimes remark that, in the derived languages, this guttural supersedes the labial, and is pronounced alone: so we have cavea (=cavja), cage; cambiare, changer; Dibio, Dijon; rabies, rage; rubere (=rubjere), rougir; \&c.

The labial $\mathbf{F}$ and the guttural $\mathbf{Q}_{v}$ are the most characteristic letters in the Latin alphabet. Of the latter I will speak in its place, merely remarking here that its resemblance to F consists in the fact that they are both compound letters, although used from the earliest period as exponents of simple sounds.

In considering the Latin $F$, we must be careful not to confuse it with the Greek $\phi$ on the one hand, or with the modern v on the other. It is true that F corresponds to $\phi$ in a number of words, such as fagus, fama, fero, fallo, fari, fascis, frater, frigus, fucus, fugio, fui, fulgeo, fur (Müller, Etrusk.i. p. 20); but we must consider these words as an approach to a foreign articulation; for in a great number of words, in which the $F$ has subsequently been commuted for H , we can find no trace of connexion with the Greek $\phi$ : such are fariolus, fasena, fedus, fircus, folus, fordeum, fostis, fostia, forctis, vefo, trafo (Müller, Etrusk. i. p. 44).

It is generally laid down that $\mathbf{F}$ and v are both labiodental aspirates, and that they differ only as the tenuis differs from the medial; and one philologer has distinctly asserted their identity, meaning perhaps that in Latin $\mathbf{F}=$ the English v, and $\mathbf{u}=$ the English w. If, however, we analyse some of the phenomena of comparative philology in which the Latin $\mathbf{F}$ appears, and then refer to Quinctilian's description of the sound of this letter, we may be disposed to believe that in many cases the English v formed only a part of the sound. Quinctilian says (xii. 10, §27, 29) that the Roman language suffered in comparison with the Greek from having only $\mathbf{v}$ and F , instead of the Greek $v$ and $\phi$, "quibus nulla apud eos (Gracos) dulcius spirant. Nam et illa, qua est sexta nostrarum, pane non humana
voce, vel omnino non voce potius inter discrimina dentium efflanda est: qua etiam, cum vocalem proxima accipit, quassa quodammodo: utique, quoties aliquam consonantem frangit, ut in hoc ipso frangit, multo fit horridior." Not to repeat here what has been stated at length elsewhere ( $N$. Crat. p. 124), it will be sufficient to make the following observations : ( $a$ ) the Latin F , though not $=\mathrm{v}$, contained that letter, and was a cognate sound with it $:^{1}$ this is proved by a comparison of con-ferre, con-viva, \&c. with com-bibere, im-primis, \&c. (b) It appears from Quinctilian that in his time the Latin $\mathbf{F}$ contained, in addition to the labial v , some dental sibilant; and the sibilant is known to have been the condition in which the guttural passed into the mere aspirate. (c) A comparison of the Greek $\theta \dot{\eta} \rho$ with its Latin synonyme fera would produce great difficulty, if we could not suppose a coexistence of the sibilant with the labial in the latter ; such a concurrence we have in the Russian synonyme svera, Lettish svehrs, Old Prussian svirs. (d) The Sabine words mentioned above (such as fircus), the more modern representatives of which substitute an aspirate for the $\mathbf{F}$, prove that the $\mathbf{F}$ must have contained a guttural aspirate ; for no labial can pass into a guttural, though a compound of labial and guttural may be represented by the guttural only. (e) Those words in the Romance languages which present an aspirate for the $F$ which their Latin synonymes retained to the last,-such as falco, " hawk;" foris, Fr. " hors;" facere, formosus, fumus, \&c., Sp. " hacer," " hermoso," " humo," \&c.,-prove that, to the last, the Latin $\mathbf{F}$ contained some guttural element, in addition to the labial of which it was in part composed. It seems to me that $\mathbf{F}$ must have been sv, or, ultimately,

[^40]HV, and that $\mathbf{v}$ must have corresponded to our English w. With regard to the Greek $\phi$, there can be no doubt that it was a distinct $p^{\prime} h$, like the middle sound in hap-hazard, shep-herd; reduplications like т́́фика (ре-p'huka), and contacts like $\Sigma a \pi \phi \omega^{\prime}$ (Sapp'ho), sufficiently prove this. The forms of Latin words which seem to substitute $\mathbf{F}$ for this $\phi$ must be referred to the Pelasgian element in the Latin language: the Tuscans, as we have seen, were by no means averse from this sound; and the Romans were obliged to express it by the written representative of a very different articulation.

Of the tenuis P it is not necessary to say much. If we compare the Latin forms with their Greek equivalents, we observe that P , or PP , is used as a substitute for the $\phi\left(\mathrm{P}^{\prime} \mathbf{H}\right)$ of which I have just spoken. Thus puniceus, caput, napura, prosper, \&c., correspond to фоıviкєоя, кєфа́ $\eta \eta, v a \phi-$ $\rho o ́ v, \pi \rho o ́ \sigma \phi o \rho o s, \& c$. , and cruppellarii, cippus, -lappa, stroppus, supparum, s-cloppus, topper, \&c., answer to крv́фa入ov, $\kappa \epsilon ́ \phi a \lambda o v, \dot{a} \kappa a \lambda \eta ́ \phi \eta, \sigma \tau \rho o ́ \phi \iota o v, \dot{v} \phi a \sigma i a, \kappa o ́ \lambda a \phi o s, \sigma-\tau v \phi \rho o ́ s$, $\sigma-\tau v \phi \epsilon \lambda^{\prime}{ }^{\prime}($ tapfer ), \&c. For the inferences deducible from this commutation, see $N$. Crat. p. 135.

In the languages derived from the Latin, $P$ very often passes into v. This is most regular in the French : comp. aperire, aprilis, capillus, episcopus, habere, lepus, opera, pauper, recipere, \&c., with ouvrir, avril, cheveu, évêque, avoir, lièvre, œuvre, pauvre, recevoir, \&c.

P is often inserted as a fulcrum to the labial $m$ when a liquid follows: thus we have sumo, sum-p-si, sumptus; promo, prom-p-si, promptus.

Contact with the guttural J will convert P into $\mathrm{CH}=\mathrm{J}$. Compare rupes, roche; sapiam, sache; \&c. Conversely, but by a similar process, the termination -quam has become -piam.

The labial liquid $m$ occasionally takes the place of one or other of the labial mutes, even within the limits of the

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## GUTTURALS.

§ 3. The Roman gutturals are three,-the medial $\mathbf{G}$, the asThe gutturals. pirate H , and the labio-guttural tenuis Q . The regular changes of this order of mutes, as far as the Latin language is concerned, are proved by the following examples; the law itself, as applied to the gutturals, being expressed thus:

| Latin, (Greek, Sanscrit) | $\cdot$ | G | H | C |
| :--- | :--- | :--- | :--- | :--- |
| Gothic . . . . . . . | K | G | H, G. |  |
| Old High German | . | . | CH | K |
| H, G. |  |  |  |  |

1st column. Initials: granum, O. N. korn, O. H. G. chorn; genus, kuni, chunni; gena, O. N. kinn, O. H. G. chinni; genu, knê, chnio; gelu, gelidus, Gothic kalds, O. H. G. chalt ; gustare, kiusan, chiosan. Middle sounds : ego, ik, ih (ich); ager, akrs, achar; magnus, mikils, michil; jugum, juk, joch; mulgere, O. N. miólka, O. H. G. mëlchan.

2d column. Initials: hanser, gans, kans; heri, hesternus, gistra, këstar; hortus, gards, karto; hostis, gasts, kast; homo, guma, komo. H is of rare occurrence as a middle sound in Latin; we may, however, compare via, veha, with weg; veho with Goth. aigan; traho with Anglo-Sax. dragan, \&c.

3d column (in which I have substituted c for $\mathrm{Q}_{\mathrm{r}}$, because the latter belongs to a different class of comparisons). Initials: claudus, halt, halz; caput, haubith, houbit; cor, hairto, hërza; canis, hunths, hund. Middle sounds: lux, liuhad, licht; tacere, thahan, dagen; decem, Goth. taíhun, Lith. deszimts.

Originally the Romans made no distinction between the gutturals $C$ and $G$; the former was the only sign used; and although Ausonius says (Idyll. xii. de litteris, v. 21): gamme vice functa prius $\mathbf{c}$ (see also Festus, s. vv. prodigia, orcum.) thereby implying that $\mathbf{c}$ expressed both the medial a and the tenuis k , there is reason to believe that in the older times the Romans pronounced $\mathbf{c}$ as a medial, and used $\mathbf{Q}$ as
their only tenuis guttural. This appears from the forms macestratus, leciones, \&c., on the Duillian monument, and still more strikingly from the fact that the prænomens Gaïus, Gneus ( $\Gamma$ áios, $\Gamma$ evvaîos), were to the last indicated by the initials C. and $C n$. ; for in the case of a proper name the old character would survive the change of application. When, however, the Romans began to distinguish between the pure tenuis K and the labial tenuis $\mathbf{Q}$, they introduced a distinction between $\mathbf{c}$ and $\boldsymbol{G}$, which was marked by the addition of a tail to the old character c , the letter thus modified being used to represent the medial, and the old form being transferred from the medials to the tenues. The author of this change was Sp. Carvilius, a freedman and namesake of the celebrated Sp. Carvilius Ruga, who, in A.U.c. 523, в.c. 231, furnished the first example of a divorce. See Plutarch, Quast. Rom. p. 277 D. : tò K $\pi \rho o ̀ s$




 From the position in the alphabet assigned to this new character, - namely, the seventh place, corresponding to that of the Greek z,- there is reason to believe that the Roman c still retained the hard $g$-sound, while the new character represented the soft sibilant pronunciation of the English J and the Greek z, which is also expressed by the modern Italian $g i$.

The Latin H was a strong guttural aspirate, corresponding in position and in power to the Greek $\chi$. It is true that this character sometimes indicates a mere spiritus asper; and in this use it is either dropt or prefixed, according to the articulation. In general, however, it was the strongest and purest of the Roman aspirated gutturals. Graff has remarked (Abhandl. Berl. Ak. 1839, p. 12) that
there are three classes of aspirates-the guttural (н), i.e. the spiritus; the labial (w), i.e. the flatus; and the dental (s), i.e. the sibilatus: and he says that the Latin language entirely wants the first, whereas it possesses the labial aspirate in its $\mathbf{Q}$, and the dental perhaps in its $\mathbf{x}$. This appears to me to be neither a clear nor a correct statement. With regard to $\mathbf{H}$ in particular, there can be no doubt that it is a strong guttural, quite as much so as the Greek $\chi$. This is established by the following comparison. The Latin $\mathbf{H}$ answers to $\chi$ in the words hiems ( $\chi \epsilon$ ( $\mu \omega \nu$ ), hibernus ( $\chi \in \iota \mu \epsilon$ pıvos), hio ( $\chi a i ́ v \omega$ ), humi ( $\chi$ á $\mu a \imath$ ), hortus ( $\chi o ́ \rho \tau o s), \& c$. It represents the guttural c in trah-o, trac-si, veh-o, vec-si, \&c. In a word, it corresponds to the hard Sanscrit $h$, for which, in the cognate Gothic and Greek words, either $g, k$, or $\gamma$, $\kappa, \chi$, are substituted (comp. N. Crat. p. 128).

With regard to $\mathbf{Q}$ or $\mathbf{Q}$, a character almost peculiar to the Latin alphabet, a longer investigation will be necessary. It has been a common opinion with philologers that there were different classes of the tenuis guttural, varying with the vowel which articulated them; thus, ка́ $\pi \pi a$, kaph, was followed only by $a ;$ н (heth) only by $e ; \chi \hat{\imath}$ only by $i ; \kappa о ́ \pi \pi a$, $k o p h$, only by $o$; and $\mathbf{Q}$ only by $u$. Lepsius (Zwei Abhandl. p. 18-31) has given a more rational and systematic form to this opinion, by supposing that there were three fundamental vowels, $a, i, u$; that $i$ was subsequently split up into $i, e$, and $u$ into $o, u$; that one of the three fundamental vowels was prefixed to each row of mutes in the old organic syllabarium, so that all the medials were articulated with $a$, all the aspirates with $i$, and all the tenues with $u$. This form of the opinion, however, is by no means sufficient to explain the peculiarities of the Roman $Q v$; and if it were, still it could not be adopted, as it runs counter to the results of a more scientific investigation into the origin of $i$ and $u$.

The difficulty which has been felt in dealing with the Latin $\mathbf{Q}$ has proceeded chiefly from the supposition that

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overlooked by many philologers, they have over-estimated the independent value of the labial which accompanies $\mathbf{Q}$.

A sound bearing the same relation to the medials that Qv does to the tenues is occasionally formed by the addition of $v$ to G. This occurs only after $n$ and $r$ : thus we find tinguo, unguo, urgueo, by the side of tingo, ungo, urgeo. The former were probably the original words, the latter being subsequent modifications: compare guerra, " war," guardire, " ward," \&c. with the French pronunciation of guerre, guardir, \&c. (N. Crat. p. 120.)

When the labial ingredient of $Q_{v}$ is actually vocalised into $u$, the $\mathbf{Q}$ is expressed in classical Latin by the new tenuis $\mathbf{c}=\mathrm{k}$; thus quojus, quoi, the original gen. and dat. of qui, become cujus, cui; quare becomes cur; quom is turned into cum ; sequundus, oquulus, torquular (comp. torqueo), quiris (cf. Quirinus), \&c., are converted into secundus, oculus, torcular, curis, \&c. This is also the case when $u$ is represented by the similar Roman sound of the $o$. Thus colo must have been originally quolo; for Q is the initial of quolonia on coins, and in-quilinus is obviously derived from in-colo. It is known, too, that coquus must have been pronounced quoquus even in Cicero's time; for he made no difference in pronunciation between the particle quoque and the vocative of coquus : see Quinctil. vi. 3, §47: "Quæ Ciceroni aliquando . . . . exciderunt, ut dixit, quum is candidatus, qui coqui filius habebatur, coram eo suffragium ab alio peteret: ego quoque tibi favebo." The change of $q v a$ into $c u$ is particularly remarkable when a syllable is shortened, on account of the heavier form in which it occurs; as when quatio in composition becomes con-cutio, per-cutio, \&c.

The two constituent parts of $\mathbf{Q}^{\mathbf{v}}$ often exist separately in different forms of the same root: thus we have conniveo, connixi; fo (ф'́ $\omega$ ), facio, factus; fluo, fluxi; foveo, focus;
juvo, jucù̀dus; lavo, lacus; struo, struxi; vivo, vixi. The last is a double instance ; for there can be no doubt of the connexion between " quick" and vivus (for quiqvus). Compare eleven, twelve, with undecim, duodecim. Bopp's opinion, therefore (Vergleich. Gramm. pp. 18, 98), that there is some natural connexion between $v$ and $k$ in themselves, is altogether unfounded.

In the comparison between Latin and Sanscrit we seldom find that $\boldsymbol{Q r}^{v}$ is represented by a Sanscrit $\mathbf{k}$, but that it usually stands in cognate words where the Sanscrit has a palatal guttural or sibilant (N. Crat. p. 108) : compare quatuor, Sanscr. chatur; s-quama, Sanscr. chad, " tegere;" quumulus, Sanscr. chi, " accumulare;" oc-cultus (ob-quultus), Sanscr. jal, " tegere;" sequor, Sanscr. sajj; pequus, Sanscr. paçu; equus, Sanscr. açva; \&c. When qv stands by the side of a Sanscrit $k$, it is either when that letter is followed by $e$ or $i$,—in which case the guttural approximates to the palatal,-or when the $k$ stands before $u$ or $v$. There are some instances in which the $Q_{r}$ is represented by the labial $P$ in Greek and Sanscrit ; and this is particularly remarkable in cases where the $Q^{v}$ occurs twice in the Latin word: compare the Latin quinque, quoquo (coquo), aqua, loquor, \&c., with the Sanscrit and Greek panchan, $\pi \epsilon \in \mu \pi \epsilon$, pach, $\pi \epsilon ́ \pi \omega, a ̂ p, l a p, \& \mathrm{c} . ;$ also equus, oquulus, sequor, linquo, \&c.,


Quinctilian says that the Latin $\mathbf{Q}$ is derived from the Greek ко́тта (i. 4, §9); and there can be no doubt that they have a common origin. Now this Greek кó $\pi \pi a$, which is of rare occurrence, is found, where it occurs in Greek inscriptions, only before o. Thus we have popıv-
 ( n .166 ); and on coins we have popıv $\theta o s, \Sigma \nu \rho a \rho \circ \sigma \iota \omega \nu, \& c$. The explanation of this is simple: the letter o before a vowel expressed the sound of $w$, so far as the mouth of
a Greek could convey this sound : compare oi $\sigma \tau \rho o s$, คồ $\beta$ סos, which imitate the whizzing noises of the wings of the gad-fly and the bird; ő $a$ which represents the Persian lamentation wa! \&c. Consequently, the syllable po must be regarded as the residuum of a syllable pronounced kwa, which was probably the pronunciation of the Latin Qr. At any rate, it is sufficiently evident from the single word $\lambda \nu о о \delta о \rho к а s$ that $\rho$ and $\kappa$ could not have been identical at the time when the inscription was carved; otherwise we should have had either $\lambda v к о \delta о \rho к а s$ or $\lambda v$ ообороаs. In fact, the word $\lambda$ икоs must have been originally $\lambda \nu$ роos (luqvus), otherwise the labial in the Latin lupus would be inexplicable. Perhaps, too, as Graff suggests (u.s. p. 10, note 7), there are other Greek words containing the syllable $\kappa о$ or $\kappa v$, which must have been written with $\varphi$ in the older state of the language. He selects the following, of which the Sanscrit equivalents have the palatals ç, ch: $\kappa o ́ \sigma \mu о \varsigma, \kappa o ́ \gamma \chi o s, \kappa o ́ \rho \sigma \eta, \kappa \omega ̂ \nu o s, \kappa v a \nu o ́ s$, Sanscrit çudh, " purificari;" çankha, " concha;" çirsha, " caput;" çơ, " acuere," Lat. quurvus; chyâma, " violaceus." The passage from $Q_{v}$ into $\rho o, \kappa v, \& c$. may be illustrated also by the converse change from $\kappa v$ to $q u$ in " liquorice," from $\gamma \lambda \cup \kappa \cup \rho \rho \rho(\zeta a, \& c$., while the English articulation of "can" has entirely obliterated all traces of the $\boldsymbol{Q}$ in the Latin queo, originally queno (cf. ne-quinont for ne-queunt), though the Greek коvขิ (Æsch. Suppl.75) and the German können still preserve this sound by implication.

If we examine the changes which have taken place in the gutturals in their passage from the Roman to the Romance languages, we are first struck by the general tendency to soften down or assibilate the tenuis c. The former process is effected by a change of $\mathbf{c}$ into $\mathbf{c H}$ : compare the Latin caballus, cadere, camera, canis, casa, castus, \&c. with the French cheval, cheoir, chambre, chien, chez,

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But it was not always equivalent to this combination either in sound or in origin. Sometimes it stands for the dental $\zeta=d j$, as in rixa compared with ${ }_{\epsilon} \rho \iota \delta-s, \dot{\epsilon} \rho i \zeta \omega, \& c$. And even when it was derived immediately from a guttural and s , the sibilant seems to have overpowered the guttural, which was either lost altogether or pronounced only as an aspiration. We have traces of this in the modern Italian pronunciation of Alessandro, vissi, \&c. The Greek $\xi i$ derived its name from the Hebrew shin, and perhaps occasionally represented it in sound. A sibilant or aspirate often changes its place: thus the Gothic $h v$ is in English $w h$, the Greek $h r$ is the Latin $r h$, and the Greek $\xi=\kappa \sigma-$ might occasionally be $\sigma \kappa$-: compare the transposition in the oriental words Iscander, Scanderoon, Candahar, all derived from the Greek ' $A \lambda \epsilon$ ' $-\xi a v \delta \rho o s$. The last of these words is a mutilation which reminds us of the modern Scotch division of the name Alexander into the two abbreviations Alick and Saunders or Sandy. When the transposition was once effected, the softening of the guttural was obvious and easy: compare $\sigma \chi$ є́т $\lambda \iota o s, "$ scathe," schade; $\chi a ́ \rho \mu \eta$, "s-kirmish," schirm, \&c.

The Latin $s$ is principally remarkable as standing at the beginning of words, the Greek equivalents of which have only an aspirate: compare sal, sex, septem, sol, sylva,

 cases even this aspirate has vanished: as in äva $\xi, \epsilon i, \notin \lambda \lambda o ́ s$, $\& c .$, compared with senex, si, sileo, \&c. It frequently happens that in the more modern forms of the Roman language an original s has been superseded by the dental sibilant r. Thus Quinctilian tells us (i. 4, § 13) that Valesius, Fusius, arbos, labos, vapos, clamos, and lases (cf. Fest. s. v.), were the original forms of Valerius, Furius, arbor, labor, vapor, clamor, and lares; and it is clear that honor, honestus, are only different forms of onus, onustus. It is
rather surprising that the Jurist Pomponius (Digg. i. 2, 2, § 36) should have attributed to Appius Claudius Cæcus (consul I. A.U.c. 447 , в.c. 307 ; consul II. A.U.c. 458 , в.c. 296) the invention of a letter which is the initial of the names Roma and Romulus. He can only mean that Appius was the first to introduce the practice of substituting r for $s$ in proper names, a change which he might have made in his censorship. It appears, from what Cicero says, that L. Papirius Crassus, who was consul in a.v.c. 418, b.c. 336, was the first of his name who did not call himself Papisius (ad Famil. ix. 21): " How came you to suppose," says Cicero, writing to L. Papirius Pætus, " that there never was a Papirius of patrician rank, when it is certain that they were patricii minorum gentium? To begin with the first of these, I will instance L. Papirius Mugillanus, who, in the year of the city 312 , was censor with L. Sempronius Atratinus, who had previously (A.U.c. 310) been his colleague in the consulship. But your family-name at that time was Papisius. After him there were thirteen of your ancestors who were curule magistrates before L. Papirius Crassus, the first of your family that disused the name Papisius. This Papirius in the year was chosen dictator in a.v.c. 415, with L. Papirius Cursor for his magister equitum, and four years afterwards he was elected consul with K. Duilius." We must conclude, therefore, that Appius Claudius used his censorial authority to sanction a practice, which had already come into vogue, and which was intimately connected with the peculiarities of the Roman articulation. In fact, the Romans were to the last remarkable for the same tendency to rhotacism, which is characteristic of the Umbrian, Dorian, and Old Norse dialects.

## DENTALS.

The Romans had five dentals or linguals : the mutes $\mathbf{D}$ and r , the liquids L and N , and the secondary letter r ,
which in most alphabets is considered a liquid, but in the Latin stands for an aspiration or assibilation of the medial D. Grimm's law, as applied to the dentals, stands thus:

| Latin, (Greek, Sanscrit) | D |  | T |
| :--- | :--- | :--- | :--- | :--- |
| Gothic - • . . . . | T | D | Z, TH |
| Old High German . . . | Z | T | D |

The following examples will serve to establish the rule.
1st column. Initials: dingua, lingua, tuggo, zunga'; deus, O. N. tŷr, O. H. G. ziu; dens, dentis, Goth. tunthus, O. H. G. zand; domare, tamjan, zemen ; dolus, O. N. tál, zalla; ducere, Goth. tiuhan, O. H. G. ziohan; duo, tva, zuei; dextra, taîhsvô, zësawa. Middle sounds: sedes, sedere, sitan, sizan; e-dere, itan, ëzan ; videre, vitan, wizan; odium, hatis, haz; u-n-da, vatô, wazar; sudor, sveiti, sweiz; pedes, fötjus, vuozi.

2d column. The Latin has no $\theta$; and when the r stands for the D , there are generally other coexistent forms in which the medial is found. For the purpose of comparison Grimm has selected some Latin words in which a Latin F stands by the side of the Greek $\theta$. Initials : fores ( $\theta \dot{v} \rho a$ ), daúr, tor ; fera ( $\theta \dot{\eta} \rho$ ), O. N. dŷr, O. H. G. tior. Middle sounds : audere, ausus ( $\theta a \dot{\rho} \rho \in \epsilon \hat{\imath})$ ), gadaúran, turran; mathu, Tusc. (Gr. $\mu \epsilon ́ \theta v$ ), Anglo-Sax. mëdo, O. H. G. mëtu.

3d column. Initials : tu, Gothic thu; O. H. G. dú ; tener, O. N. thunnr, O. H. G. dunni; tendere, Goth. thanjan, O. H. G. denen; tacere, thahan, dagen; tolerare, thulan, dolen; tectum, thak, dach. Middle sounds: frater, brôthar, pruoder; rota, O, N. hradhr (" celer"), O. H. G. hrad (" rota"); a-l-ter (Umbr. Tusc. etre), anthar, andar; iterum, vithra, widar.

Of the commutations of the dentals with one another in the Latin language alone, the most constant is the interchange of D with L or r . D becomes L in delicare (Fest. pp. 70, 73), impelimenta, levir, Melica (Fest. p. 124), ol-

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into $r$, and the second assimilated to $s:$ in accerso the first $d$ is assimilated to $c$, and the second changed to $r$.

N is principally remarkable in Latin from its use as a sort of anusvârah (see N. Crat. p. 303). In this use it is inserted, generally before the second consonant of the root, as in $t u-n-d o$, root $t u d-$; $f i-n-d o$, root $f i d-, \& c$.; but sometimes after it, as in ster-n-o, root ster-, stra-; sper-n-o, root sper-, spre-; pô-n-o, root pos-, \&c.

Conversely, n becomes evanescent in certain cases, particularly before $s$ and $v$. Thus consul is written cosol (abbreviated into cos) ; and we find cesor, infas, vicies, vicesimus, for censor, infans, viciens, vicensumus. This omission of N is regular in the Greek participles in - $\epsilon \iota \rho$, and in other words, e.g. ódov́s; it seems also to have been the rule in Umbrian. The most important instance of the omission of N before v is furnished by the common word contio, derived from conventio through the form coventio, ${ }^{1}$ which is found in old inscriptions. Similarly, convent becomes covent (" Covent-garden," \&c.), Confluentes is turned into Coblenz, and fünf into " five." In English the prefix con is shortened into co-before all consonants, in spite of the remonstrances of Bentley.

With regard to the changes experienced by the dentals in the passage from Latin to the Romance dialects, the following instances may suffice. $\mathbf{D}$ and $\mathbf{T}$ when preceded and followed by vowels are frequently dropt in the French forms of Latin words: (a) D: cauda (It. coda, Sp. cola), Fr. queue; files, Fr. foi; media-nocte, Fr. mi-nuit; nudus, Fr. nu; vadum, Fr. gué; videre, Fr. voir. ${ }^{2}$ (b) T: ad-satis, Fr. as-sez (originally assetz); amatus, Fr. aimé; Catalauni, Fr. Châlons; pater, Fr. père; vita, Fr. vie. On the con-

[^41]trary, $\mathbf{D}$ is sometimes inserted as a fulcrum between the liquids $n$ and $r$, as in cendre, gendre, tendre, from ciner-is, gener, tener; viendr-ai, tiendr-ai, for venir-ai (venire habeo), tener-ai (tenere habeo), \&c.; vendredi for Veneris die, \&c. This will remind the classical student of the similar insertion in the Greek $\dot{a} \nu-\delta$ - oós, \&c.; and both the Greeks and the Romans apply the same principle to the labials also.

The indistinctness with which the French pronounce $n$ at the end of a word has given rise to some etymological, or rather orthographical, inconsistencies in that language. Not the least remarkable of these is the appearance of $s$ instead of m or N in the first person of many verb-forms. If we compare suis with the Italian sono on the one hand, and the Spanish soy on the other, we may doubt whether the $s$ in this and other French forms is the ultimate resolution of the nasal N , or an arbitrary orthographic appendage. The whole question is one which demands a formal examination.
$\mathrm{L}, \mathrm{N}, \mathrm{R}$, are frequently interchanged as the Latin passes into the Romance idiom. L passes into $\mathrm{R}^{1}$ in apötre, epítre, titre, \&c., from apostolus, epistola, titulus, \&c.;-N into $\mathbf{L}$ in alma, Barcelona, Bologna, Lebrixa, from anima, Barcino, Bononia, Nebrissa; N into R in diacre from diaconus.

L is a representation of D in Giles from AEgidius, in ellera for edera, and in Versiglia for Vesidia.

The Italians vocalise $\mathbf{L}$ into I when it follows certain consonants: compare clamare, clarus, clavis, flos, Florentia, fluctus, flumen, obliquus, Placentia, planus, plenus, \&c., with chiamare, chiaro, chiave, fiore, Fiorenzé, Firenze, fiotto, fiume, bieco (Fr. biais, Engl. " bias"), Piacenza, piano, pieno, \&c.

[^42]The French vocalise the Latin $L$ into $u$, which seems to have been in the first instance only an affection of the previous vowel, into which the L was subsequently absorbed. Thus alter was first written aultre, and then autre. This affection of a preceding vowel by the liquid which follows is not uncommon in other languages. The Greeks in some of their dialects pronounced the vowel broad before or after $\rho$ : comp. $\phi \rho a \sigma l$ with $\phi \rho \in \sigma i, \& c .:$ and the common people in Dorsetshire pronounce $o$ like $a$ when it is followed by $r$ and another consonant; thus George is pronounced Gearge, storm, starm, \&c. The French absorption of the L is almost universal: it is regular in the dative of the article $a u=\grave{a}$ $l e, a u x=a ̀ l e s ;$ in the plurals of nouns in $l$, as animales, animaux ; canales, canaux, \&c. But it is also found in a number of other words, in which the vowel preceding $l$ is not $a$; even when it is $u$ : compare aliquis unus, altare, $\dot{\epsilon} \lambda \epsilon \eta \mu \circ \sigma u ́ \nu \eta$, Bulgare, felix (like $\dot{o}$ накарít $\eta s$, used in speaking of the dead), ulna, \&c., with the French aucun, autel, aumône, bougre, feu (anciently written feux and feulx), aune, \&c.

## VOWELS.

§5. The philological student must always bear in mind that The vowels. there are two distinct classes of vowels; the one containing the vowels of articulation, $A, E, o$; the other comprising the vocalised consonants $I$ and $U$. In other words, there are only three distinct vowels, $\mathrm{A}, \mathrm{I}, \mathrm{v}$; for E and o differ from $A$ in weight only.

The original alphabet is a syllabarium consisting of breathings and consonants, which are articulated by the sound a. Now the character a in its original application denotes the lightest of the breathings, the character E the heavicst of them, and the character o a breathing which is intermediate in weight. Consequently, on the principle that the lightest vowel always co-exists with the heavicst form (sce N. Crat. pp. 104, 300, 451), when these breath-

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The cause of the change from $I$ to $E$ is further shewn by the change back again from $E$ to $I$ when the root is not followed by two consonants: thus, bi-ceps, \&c., become bi-cipitis, \&c. in the genitive; and similarly tubi-cen $[s]$ makes tubi-cinis. Another change from I to E is to be remarked in the transformation of the diphthongs ar, or into AE and OE .

The next comparison, in point of weight, which suggests itself is that between the secondary vowels 1 and $u$; and in order to make this comparison satisfactorily, it will be well to consider first their subdivisions. It appears, then, that there are three distinct uses of each of these vowels: I is (1) a very long vowel, the representative of
the diphthong ai=aE; (2) a vowel of medium length, frequently, as we have seen above, the representative of $a$, the first part of that diphthong; (3) a very short vowel, approximating to the sound of the shortest $U$, and used chiefly before R. Similarly, u is (1) a very long vowel, the representative of the diphthong oi= $\mathbf{O E} ;(2)$ a vowel of medium length, generally answering to o, the first part of that diphthong; (3) a very short vowel, approximating to the sound of the shortest I , and used chiefly before L . The old Italians had separate characters for $\mathrm{I}_{3}$ and $\mathrm{U}_{3}$, which differed from the other characters by the addition of certain marks: $I_{3}$ was written $F$, like a mutilated $F$, and $U_{3}$ was written V. It is remarkable that the emperor Claudius, when he introduced his new letters into the Roman alphabet to express the consonant $v$, the Greek $\psi$, and the modification $I_{3}$, while he inverted the digamma (thus $\mathbb{d}$ ) to express the first, and joined two sigmas (thus $x$ ) to express the second, which was consequently called antisigma (Priscian, p. 545 ; Putsch, i. p. $40, \mathrm{Krehl}$ ), was contented to borrow the third from the old alphabet of the Oscans.

The following examples will justify the subdivision which I have made of the vowels $I$ and $U$.
$\mathrm{I}_{1}$.-In composition we find this long vowel in the rootsyllable of words which contain the diphthong $a i=a e$. Thus, from as-timo we have ex-istimo; from aquus we have in-iquus; cado, con-cido, oc-cido; quaro, in-quiro; \&c.
$\mathrm{I}_{2}$.-This is the commonest power of the Roman I. It is, however, a representative of $A$ in other cases besides those given above: thus, inter stands for the old antar, ille represents the Sanscrit anya, old Latin ollus, \&c.
$I_{3}$.-The sound of this letter is indicated by a passage in Velius Longus (p. 2235, Putsch): " Unde fit, ut sæpe aliud scribamus, aliud enuntiemus, sicut supra (p. 2219) locutus sum de viro et virtute, ubi i scribitur et pæne $\mathbf{v}$ enuntiatur ; unde Ti . Claudius novam quandam litteram
excogitavit, similem ei notæ, quam pro aspiratione Græci ponunt, per quam scriberentur eæ voces, quæ neque secundum exilitatem litteræ 1 , neque secundum pinguitudinem litteræ v sonant, ut in viro et virtute, neque rursus secundum latum litteræ sonum enuntiarentur, ut in eo quod est legere, scribere." From this passage we learn that i before $r$ was pronounced somewhat like $U$, as is the case with us; and we also draw the important inference that legere and scribere must have been pronounced lire and scrire. In augur and the proper name Spurius this pronunciation seems to be expressed by the vowel $u$. The latter is a derivative from super, and is equivalent in meaning to Superbus (above, Chap. IV. §2); the former is a derivative from avi-gero, as may be proved by a curious analogy between the derivatives of avis, " a bird," and $a-s$, " a weight or burden." For as edi-ti-mus means a person who is conversant with a temple (Fest. p. $13=$ adis intimus), so avitimus would mean "conversant with birds," ess-timus, " conversant with weights;" hence, as augury and weighing were the two most usual means of forming a judgment, both autumo and res-tumo signified " to judge." Comp. the use of con-templor, con-sidero. Again, as $a$-ger signifies " bearing a burden," or " burdened," and ne-ger, " not able to bear," or " weak" (Fest. p. 165, s. v. ne-gritu[do]), so augur would mean " bearing a bird," or " dealing with birds" (belli-ger, \&c.) : comp. au-spex, \&c.

The existence of such a short vowel as $\mathrm{I}_{3}$ is necessary for the explanation of those forms in which $I$ appears to be lighter than e. Thus, from lego, rego, teneo, we have col-ligo, di-rigo, re-tineo; and the I thus introduced is so short, that it is omitted altogether in some compounds of rego, as $\operatorname{per}[r]-g o$, sur $[r]-g o$. In the rustic pronunciation of the Italians i was frequently dropped (as in ame, from animus), and the e, on the other hand, was lengthened improperly ; see Cic. de Orat. iii. 1Q, § 46: "Quare Cotta

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thong ov, Єouкv $\delta \delta \delta \eta s$, Thucydides, \&c.; and even with its Latin equivalent ou, - thus we have indouco for indūco on the bronze table of Tivoli (above, Chap. VI. § 19). The diphthong AU is sometimes represented by $\hat{\delta}=a u$, as in Sanscrit: comp. plaudo, ex-plodo; Claudius, Clodius; \&c. In ob-oedio, from audio, aU is represented by the lighter diphthong or; and it is a further proof of the tendency to interchange between $\mathrm{U}_{\mathrm{r}}$ and $\mathrm{I}_{1}$, that the diphthong $\mathbf{O I}=\mathbf{o e}$, which is so often represented by $U_{1}$, also appears as $I_{1}$ : thus, oiconomus is written iconomus, óठo九ठóкоs appears as
 rium, \&c. Sometimes, on the contrary, oe is represented by the first vowel only, as in diocesis, poema, \&c., from סьoíк $\eta \sigma \iota \varsigma$, тоí $\mu \mu$, \&c. (see Gifanius, in Mureti Opp. i. p. 550, Ruhnken.) With regard to $\pi o \iota \epsilon \in \omega$, the omission of the $\iota$ was common enough in Greek (see Porson, Tracts, p. 63 ; Dindorf, ad Arist. Nub. 1448, Acharn. 410).
$\mathrm{U}_{2}$.-This is the common short U of the Romans. It corresponds generally to the short o of the Greeks; and nouns of the o-declension always exhibit this $u$ in Latin : comp. $\lambda$ и́коя, lupus; "̈ттоя, equus; \&c. It is probably a remnant of the Etruscan $U$.
$\mathrm{U}_{3}$.-This letter, like $\mathrm{I}_{3}$, must be considered as a point of contact between $I$ and $u$. Indced, it may be doubtful in some cases whether $U_{3}$ has not been written for $I_{3}$. The passage of this $U_{3}$ into an approximate $I$ is of the following nature :-First, a short $o$ is changed into $U_{2}$. The genitive of the Greek imparisyllabic declension ends in -os: for this the oldest Latin substitutes -us, as in Cas torus, nominus, \&c. compared with Senatuos, \&c. Some of these old genitives remained to the end of the language, as alius, ejus, hujus, illius, \&c. Again, the 1st pers. plur. of the Greek verb ended in $-o \mu \epsilon \nu=-o \mu \epsilon \varsigma$ : for this the old Romans wrote -umus, a form still preserved in sumus and volumus. Again, in old Latin the vowel of the crude form
is preserved in the inflexions, as in arcu-bus, optu-mus, pontu-fex, \&c. But in all three cases the later Latin exhibits an I: thus we have Castoris, nominis, \&c.; dicimus, scribimus, \&c.; arcibus, optimus, pontifex, \&c. In these cases we observe that $\mathbf{U}=0$ passes into a simple I . But there are other instances in which the transition seems to go still further. As the reduplication-syllable is generally shorter than the root-syllable in the preterite of verbs, we should expect that the $\mathbf{U}$, $o$ in the first syllable of cu-curri, mo-mordi, pu-pugi, tu-tudi, would be an approximation rather to $\mathrm{U}_{3}$. Then, again, in cultus, culmen, \&c. from colo, columen, \&c. the U is clearly less significant than 0 . But there are some cases in which we infer that the $U$, which is written, has less weight even than I. This might be inferred from con-culco, the secondary form of calco, which, according to the above table, should be either con-cilco or con-celco; and also from difficultas, sepultus, derived from difficilis and sepelio. The fact seems to be, that what would be $I$ before R , becomes $\mathrm{U}_{3}$ before $\mathbf{L}$; so that $\mathbf{U}_{3}, I_{3}$, are both ultimate forms of their respective vowels, and as such are in a state of convergence.

Accordingly, if we should seek to arrange the Latin vowels in regard to their comparative weight, we should, as the result of this inquiry, have the following order :

$$
\overline{\mathrm{A}} \text { (as in } m u s a ̂, \& c .), \overline{\mathrm{U}}_{1}, \overline{\mathrm{I}}_{1} ; \mathrm{A}, \mathrm{O}, \mathrm{U}_{2}, \mathrm{I}_{2}, \mathrm{E}, \mathrm{U}_{3}, \mathrm{I}_{3} .
$$

## GREEK LETTERS.

The Greek letters subsequently employed by the Romans were $\mathrm{z}, \mathrm{k}$, and y . The period at which the first of these was introduced is doubtful; for while, on the one hand, we are told that $z$ is found in the Salian songs (Velius Longus, p. 2217: "Mihi videtur nec aliena sermoni fuisse $z$ littera, cum inveniatur in carmine Saliari"), on the other hand we find that, even in words borrowed
from the Greek, this letter is represented by $d i$, as in Sabadius for $\Sigma^{\prime} \beta$ ßa ${ }^{\prime}$ os (Apulei. Met. viii. 170), judaidiare for judaizare (Commodian, Instruct. adv. Gent. c. xxxvii. 634), trapedia for trapeza (Auctor. Rei Agrar. p. 248), schidia for schiza, oridia for oriza, \&c. (vide Schneid. Elementarl. i. p. 386; and Lobeck, Aglaoph. p. 296, note l). The fact seems to be, that the Romans had two different characters to express the two different values of the Greek $z$, which was a dental, either assibilated (as $\sigma \delta$ ), or softened (as $\delta y$ ). Now, in its latter use it becomes equivalent to the softened guttural; for the dental and guttural, when combined with $y$, which is the ultimate vocalisation of the gutturals, converge in the sound of our $j$ or $s h(N$. Crat. pp. 126, 288). When, therefore, the Greek z more nearly approximates to the sound $\sigma \delta$, either this is preserved in the Latin transcriptions, as in Mesdentius, Sdepherus, for Mezentius, Zephyrus (Max. Victor. p. 1945); or the $\delta$ is assimilated to the $\sigma$, as in Messentius, massa, Atticisso, comissor, badisso, malacisso, \&c. by the side of Mezentius, $\mu \dot{a} \zeta a, ' А \tau \tau \iota \kappa i \zeta \omega, \kappa \omega \mu a ́ \zeta \omega, \beta a \delta i \zeta \omega, \mu a \lambda a \kappa i \zeta \omega, \& c . ;$ or else one or other of the two component parts is omitted, as in Saguntus for Zakynthus, or Medentius for Mezentius. In this case, too, we may consider that the letter $x$ occasionally steps in, as in rixa by the side of $\frac{\epsilon}{\epsilon} \rho c[\delta] s$. When, however, the Greek z is a softened $\delta$, and therefore equivalent to a softened guttural, we find that it is represented either by the full combination $d i$, as in the cases quoted above, or else by the vocalised guttural ( $j$ ) only. Of this latter substitution there are numberless instances: such as, Ju-piter, Z $\epsilon \grave{\nu} s$ тaтй ; jugum, $\zeta \epsilon \hat{u} \gamma o s ;$ \&c. Of these the most important are the cases connected with the firstquoted example, Ju-piler = Dies-pater; and I must take this opportunity of returning to one etymology belonging to this class, which has always appeared to me to open the way to a chain of the most interesting associations.

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 of these passages the verb $\dot{\eta} \mu \epsilon \rho o{ }^{\omega} \omega$ implies making a clear passage or road; and in Plato (Legg. p. 761 a.) the ad-

 That the Greeks connected road-making with civilisation in general, and with the peaceful commerce of man with man, appears from many passages (Aristotle, $\pi \epsilon \rho i$ $\theta a v \mu a-$ $\sigma i \omega \nu$ áкоvб $\mu a ́ \tau \omega \nu$, c. 85, p. 837, Bekk.; Thucydides, i. 2, compared with i. $13, \& c$.); and this is generally implied in all the legends relating to Hercules and Theseus. But it has not been sufficiently remarked that this road-making was also intimately connected with the cultivation of land. It may, however, be shewn, that as the Greek ärpos becomes $\eta \eta \mu \epsilon \rho o s$ when divided by a road, by a similar process the Latin ager becomes jugerum $=$ di-ager-um.

Whenever a piece of unemployed ground - of ager, so called - was to be taken into use, whether for cultivation, or for the site of a city or a camp, the rules of the ancient limitatio were immediately applied. Now this very word limitatio signifies, the dividing of a certain piece of ground into main-roads (vie) and cross-roads (limites); and the same primary notion is conveyed by tem-plum, so obviously derived from tem-no, Gr. $\tau a ́ \mu-\nu \omega$, comp. $\tau \in ́ \mu \epsilon \nu o s, \& c$. For in all limitation the first thing done was to observe the templum, i. e., as we should say, to take the bearing by the compass. ${ }^{2}$ Suppose the augur stood with his back to the north, then the line from north to south would be

[^43]called the cardo, as corresponding to the axis of the globe; and that from east to west, which cut the cardo at right angles, would be called the decumanus, or "tenth line." For both these lines repeated themselves according to the number of separate allotments into which the land was divided, or the number of separate streets in the city or camp. ${ }^{1}$ Now the Roman actus or fundus $=[120 \text { feet }]^{2}$ was the unit of subdivision; two of these fundi made a jugerum $=d i$-ager-um, and two jugera constituted the heredium of a Roman patrician; consequently, 200 jugera made up the ager limitatus of a century of the old Roman populus (Fest. s. v. Centuriatus, p. 53). If this ager limitatus, then, were arranged as a square, we have, of course, for each side $20 \times 120$ feet. Supposing, then, a road between each two of the fundi, - which there must have been, as every two fundi made a di-ager-um,- the cardo which passed between the tenth and eleventh fundus would be properly called the decumanus, and it would consequently be the main road, and would be terminated by the main gate (porta decumana). The point at which the decumanus crossed the cardo was called groma or gruma; and here, in a city or camp, the two cross-roads seem to have spread themselves out into a kind of forum. There is as much probability in the supposition that the immortal name of Rome was derived from this ancient word, as

[^44]there is in any of the numerous etymologies suggested by Festus (p. 266). From this it appears, that among the Romans it was the same thing to speak of a territory as divided by roads, and to call it cultivated, occupied, or built upon; and the jugerum, or divided ager, implied both. To the same principle we may refer the importance attached by the ancients to straight ploughing; for the furrow was the first element of the road; and the urbs itself was only that space round which the plough had been formally and solemnly drawn.

The Romans were very sparing in their use of the Greek letter K. It was occasionally employed to form the syllable ka, as in kaput, kalumnia, Karthago, evokatus, Parkarum; but in these instances it was considered quite superfluous; and Quinctilian thinks (i. 4, 9, and 7, 10) that its use ought to be restricted to those cases in which it serves as the conventional mark of an abbreviation, as in $\mathbf{K}$. = Kaso, and K. or Kal. =Kalenda.

The letter $\mathbf{Y}$ was never used by the Romans except as the transcription of $v$ in words derived either from or through the Greek; and it seems to have been a representative of those sounds which have been designated above by the characters $U_{1}$ and $U_{3}$, both of which involve an approximation to the sound of $I$. Hence, in the French alphabet it is not improperly called " the Greek $i$ " ( ${ }^{\prime}$ grec). In many words, rather connected with the Greek than derived from it, the $v$ is represented by I , as in cliens, in-clitus ( $\kappa \lambda v ́ \omega$ ), clipeus ( $\kappa \rho \dot{v} \pi \tau \omega$ ), silva ( $\tilde{\lambda} \lambda F \eta$ ), \& c.; while in others the $v$ has become E , as in socer ( $\dot{\epsilon} \kappa \nu \rho o{ }_{\mathrm{\rho}}$ ), remulco ( $\rho \nu \mu o v \lambda \kappa \epsilon ́ \omega$ ), polenta ( $\pi a \lambda \nu \nu \tau \eta$ ), \&c. The Roman $\mathrm{U}_{\varepsilon}$ some-

[^45]Luke ix. 62 ; and comp. the tropical use of delirare.

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recognise in this character the original of the Roman $L$, and therefore identify the Etruscan and Roman ciphers from 1 to 99 . The Roman $C$ and the Etruscan $\oplus$ do not appear to be connected; but the Etruscan 8, or, as it is also written $\left(\mathbb{D}\right.$, is clearly the same as the Roman ${ }^{\circ}$, (1), and cIv, for which M was subsequently written ; and the same remark applies to the still higher numbers.

If, then, the Roman ciphers were derived from the Tuscans, it is obvious that we must seek in the Tuscan language for an interpretation. Now it cannot be doubted that the Tuscan numeral signs are either letters of the alphabet slightly changed, or combinations of such characters made according to fixed rules. Thus, $\Lambda$ is the inverted V $=u$; $T$ or $T$ is an inverted $\downarrow=c h$; and $8=f$. Since, therefore, the position of these letters in the organic alphabet does not correspond to their value as numeral signs, we must conclude that they represent the initials of the numerals in the Etruscan, just as M afterwards denoted mille in the Latin language. W.e do not know any Etruscan numeral, and therefore cannot pretend to any certainty on this subject; but this is the most probable inference. The manner in which the elementary signs are combined to form the intermediate numerals is more easily and safely investigated. The character denoting unity is perhaps selected from its simplicity; it is the natural and obvious score in every country. This character is combined with itself to form the next three digits, though four is sometimes expressed as $5-1$, according to the principle of subtraction so common among the Romans (comp. duodeviginti, \&c.). The same plan is adopted to form the numerals between 5 and 10. The number 10 is represented by a combination of two V's - thus, X ; and this figure enclosed in a circle indicates the multiplication of 10 by itself, or 100 . The letter 8 , or $(\mathbb{D}$, being assumed as the representative of 1000 , its half, or D, would indicate 500 ; and as multipli-
cation by ten was indicated by a circle in the case of 100 , on the same principle ( $J$ would be 10,000 , and its half or (D) would represent 5000 .

These rules for the formation of one numeral from another are more obvious than the origin of the elementary numeral signs. But where certainty is not within our reach, we must be contented with a solution of those difficulties which may be submitted with safety to the searching analysis of philology.

## CHAPTER VIII.

THE LATIN CASE-SYSTEM.


#### Abstract

§ 1. Completeness of the Latin case-system. § 2. General scheme of the case-endings. §3. Latin declensions. § 4. Hypothetical forms of the nominative and accusative plural. § 5. Existing forms-the genitive and dative. §6. The accusative and ablative. §7. The vocative and the neuter forms. § 8. Adverbs considered as cases of nouns.


## $d$

§1. The system of cases, with which the Latin noun is furnished, is far more complete than that of the Greek declension. The Greek noun has no ablative case; its accusative has frequently lost its characteristic termination; the genitive is confused by the mixture of an ablative meaning; and the locative is almost lost. The greater number and distinctness of the Latin cases is due to the greater antiquity of the language, which had not yet begun to substitute prepositions for inflexions. As the language degenerates into the so-called Romance idioms, we find that its cases are gradually lost, and their place taken by a number of prefixes, which add indeed to the syntactical distinctness of the language, but purchase this advantage by sacrificing the etymological development.

In treating of the Latin cases, our attention is directed to three different aspects under which they may be considered. We may regard them either according to a general scheme derived from all the declensions, or as modified by those varieties in the termination of the crude form which constitute differences of declension; or we may take both of these together, and add to them those additional phenomena which are furnished by the adverb. A supple-

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## vOWEL-DECLENSIONS.

A

Sing.
Nom. familiă- $[s]$
Gen. familia-is (=âs, $\bar{a} i, a$
Dat. familia-[b]i(=a)
Accus. familia-m
All. familia- $[d](=\hat{a})$

Sing.
Nom. die-s
Gen. die-i[s]
Dat. die-[b]i
Accus. die- $[m]$
Abl. die-[d]

## E

Plur.
die-[se]s
die-rum
die-bus
$d i e-[m] s$
die-bus

## I

## Sing.

Nom. avi-s
Gen. avi-is (=avyis, avis)
Dat. $\quad a v i-[b] i(=a v \hat{\imath})$
Accus. avi-m (=em)
Abl. avi-[d]

Sing.
Nom. avo-s
Gen. avo-is (or sus or syo,

$$
=i o,=i)^{2}
$$

Dat. $\quad$ avo- $[b] i(=\hat{o})$
Accus. avo-m
Abl. avo- $[d]$

$$
0
$$

Plur.
familia- $[s$ ĕs $](=a i, \boldsymbol{a})$
familia-rum
familia-bus $(三 i s)^{1}$
familia- $[m] s(=a s)$
familia-bus

教 $a v i-[s \check{c}] s(=e ̂ s)$
avi- $[r] u m$
avi-bus
$a v i-[m] s(=e ̂ s)$
avi-bus
${ }^{1}$ For the form in -bus comp. Orelli, Inser. no. 1628, 1629, 4601, \&c., and
K. L. Schneider, Formenlehre, i. p. 25, sqq.
${ }^{2}$ As $\delta \eta \mu \dot{\sigma} \sigma i o, \delta \eta \mu b i o, \delta \eta \mu o v$, comp. the nom. plural.

## U

Sing.
Nom. fructu-s
Gen. fructu-is (=uis)
Dat. fructu-[b]i(=u)
Accus. fructu-m
Abl. fructu-[d]

Plur.
fructu-ses (=ûs)
fructu-[r]um
fructu-bus
fructu- $[m] s(=u s)$
fructu-bus.

If now we compare these particular instances with the general scheme, we shall see that, taking all the varieties of the crude form, of which the above are specimens, there are only two assumptions in the general table, - namely, Hypothetical forms of the nominative and accusative plural. the original forms of the nominative and accusative plural. All the others are actually found, either in nouns or pronouns, at some epoch of the language.

With regard to the nominative and accusative plural, the assumed original forms are derived from a sound induction according to the principles of comparative philology.

And first with regard to the nominative plural. The sign of this case must have been originally $-s$ throughout the declensions. Now it appears from general considerations, as well as from an induction of facts, that $-s$ was also the sign of the nominative singular (New Cratylus, p. 317). Therefore the $-s$ of the nominative plural, if it was to distinguish the form from the same case in the singular, cannot have been appended to the mere crude form of the noun; for then the nominatives singular and plural would have been one and the same inflexion. It must have been formed by adding the $-s$ (with, of course, an intervening short vowel, for the Latin language does not tolerate a double-s at the end of a word) to the full form of the nominative, and thus constituting, as the total addition to the crude form, or the real termination, the syllable -ses. This view is supported, not only by the fact that the
plurals vo-bis, era-mus, \&c., actually stand in this relation to the singulars $t i-b i$, era-m, \&c., but even more so by the analogy of the genitive singular. For in many cases the genitive singular is identical, in its secondary form, with the nominative plural: thus familia, avi, are the common forms of both cases. But familice is actually written familiâs=familiaĕs. Hence we may presume the same original form of the nominative plural familia (compare dies, $\& c)$. Now the original form of the nom. singular must have been familiă-s; consequently, if, when the nom. sing. was familia, the nom. plur. was familia-ĕs =familia, it follows that when the nom. sing. was familiă-s, the nom. plur. must have been familia-sĕs. The same follows from the form avi. I have preferred to treat the original form of the nominative plural as an assumption, and to support it by the arguments which I have just adduced; but if we remember that the original $s$ of many Roman words was not changed into R till about the 4 th century a.d.c. (above, Ch. VII. §3), we might take the existence of such forms as $v i-r e s$, spe-res (which occurs in fragments of Ennius), and gnaru-res (which is found in Plautus, Mostellaria, i. 2, 17; Penulus, prol. 47), as a distinct confirmation of the theory. And here again the analogy of the genitive becomes applicable, as will be seen below (§5). The pronouns also supply a partial confirmation of the above induction; for though in common Latin we find a genitive singular in $-s$ by the side of a nominative plural in $-i$, we learn from old inscriptions that there was also a nominative plural in $-s$ : see Senatus-Cons. de Bacch. ll. 3, 7; Lex Rom. Bant. Tab. 1. 21; Klenze ad Leg. Servil. p. 12.

Again, in regard to the accusative plural, which in all the above instances ends in $-s$ preceded by a long vowel, we must infer that $-s$ is the termination of the plural as such, from considerations of the same nature with those which have been just brought forward. We should also

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cept in the $a, e$, and $o$ declensions, which constantly retain it. The difficulty here felt is, to connect the plural form with the singular. Struve's assertion (über die Lat. Decl. 3,15 ), that the $r$ is merely euphonic, would tend, if we assented to it, to complicate and increase this difficulty in no small degree. The comparative philologer cannot doubt that the original form of the genitive plural in the IndoGermanic languages was that which is preserved in the Sanscrit -sâm = इ $\Omega$ m (see Müller ad Varron. L. L. viii. § 74, p. 192). This form, after the fourth century a. U.c., would appear in Latin as rom, which was afterwards softened into rǔm. The Indians wrote -nâm for -sâm in many of their words, where the $n$ represents the $s$, as in $v r i ̆ k a ̂ n$ for $v r \breve{h} k d s=v r \check{l} k a ̆ m-s$; but in the pronouns, which generally preserve the authentic forms longer than the nouns, we have $t \hat{a}-s a \hat{m}=i s t \hat{a}-r u m$. The Greeks very often omitted an $\sigma$ - between two vowels in a case like this; and as
 they gave us $\delta \eta \mu o ́ \iota o$, or ultimately $\delta \eta^{\prime} \mu o v$, for the original $\delta \eta \mu o ́ \sigma \iota o$, and $\mu \sigma v \sigma a ́-\omega \nu$, or ultimately $\mu o v \sigma \hat{\omega} \nu$, for $\mu o v \sigma a ́-$ $\sigma \omega \nu$. That -rum is the proper and genuine form of the Latin genitive is proved not merely by the fact that the Romans actually wrote -um for -orum when it suited their convenience, ${ }^{1}$ thereby shewing the reason for the omission of the $r$ in the other declensions, but also by the fact that the $r$ is found in the pronouns, the oldest and most immutable parts of speech, and that in the older state of the language even nouns of the other declensions retained the $r$ : thus we hear of such words as boverum, Joverum (Varro, L. L. viii. §74), lapiderum, nucerum, regerum (Cn. Gellius apud Charisium, i. 40). This evidence receives very striking confirmation from the analogy of the genitive singular. The most common characteristic of the genitive singular

[^46]is the termination -is. There are two reasons, however, which may induce us to doubt if this is the full and original form of the genitive-ending. First: the genitiveending of the pronouns and oldest adjectives is not -is, but -ius: thus we have cu-ius or quo-ius, ist-ius, un-ius, alterius, \&c. ${ }^{1}$ Secondly: the possessive adjectives, which so often give us the true form of the genitive, end in -ius; as pretor-ius, or, what is the same thing, in -ĕus, as virgin-eus. It seems, however, that even this does not carry us back to the full and genuine type of the termination. The Sanscrit vrŭlıă-sya compared with $\lambda$ ккóıo, and the possessive $\delta \eta \mu \sigma^{\prime}$ -
${ }^{1}$ The personal pronouns ego, nos, and $t u$, vos, and the reflexive pronoun se, have properly speaking no genitive case. They express this relation by the derived or possessive pronouns meus, noster; tuus, vester; and suus. Some. times these forms are regularly inflected through the cases, genders, and numbers, like other adjectives, and sometimes they are used as neuter nouns in the genitive singular. When the personality implied is emphatic, the latter is the proper usage; as in Ovid, Heroid. xiii. 166 : Si tibi cura mei, sit tıbi cura tui. Cic. ad Fam. xii. 17: Grata mihi vehementer est memoria nostri tua. Catil. iv. 9: Habetis ducem memorem vestri, oblitum sui. More generally, however, the genitive relation is expressed by the inflected possessive: as petitio mea; amicus ille tuus; Cicero noster; \&c. And even in apposition with a genitive, as in Horat. i. Serm. iv. 23 : Mea scripta recitare timentrs; or in opposition to one, as Ovid, Heroid. vii. 134: Parsque tui lateat corpore clausa meo. By a singular attraction, the genitive plural of the possessive is in certain cases used where we should expect the genitive plural of the personal pronoun. Zumpt supposes that nostrâm, vestrûm, are used when the subject is signified; nostri, vestri, when the genitive denotes the object. When omnium precedes, nostrûm, vestrûm, are always preferred to nostri, vestri; as Cic. Cat. i. 7: Patria est communis omnium nostrûm parens. But we may have the inflected possessive before omnium; as in Cic. Cat. iv. 2: Hi ad vestram omnium cadem Rome restiterunt. The impersonal verbs interest and rêfert not only employ these possessives as regular genitives, but also as inflected in the dative singular feminine to agree with rei, which is understood in interest and included in refert $=$ rei fert. We have, however, in this use the forms meâ, suâ, \&c., for mecr, sua, \&c., on the analogy of post-hac for post-hac, \&c. That the case is dative is proved not only by the competent testimony of Verrius (apud Fest. p. 282; see Muller, Suppl. Annot. p. 405), but also by many simılar constructions. In Cato, R. R. c. 3, we have : et rei et virtuti et gloria erit.
$\sigma \iota o s$ by the side of $\delta \eta \mu o^{\prime}-\iota o$, might lead us to suspect that the termination commenced with an $s$, which was subsequently absorbed; and this suspicion is confirmed by the fact, that there are in old Latin genitives ending in -ris $=$ -sis where the $r=s$ is not part of the crude form. Thus we have sue-ris for suis in the fragment of Plautus quoted by Festus, s. v. Spetile, p. 330: "Esto pernam, sumen sueris, spetile, callum, glandia." Compare Varro, L. L. v. § 110, p. 44. And from the extant forms of the nominative plural in -res we may fairly infer that the genitive in -ris was not uncommon. Thus we have a perfect analogy between the genitives singular and plural; and the long vowel in the termination of the latter will be explained in the same way as the long vowel of the accusative plural: comp. the Sanscrit dual -bhyâm with the plural -bhyas or -bhis.

With regard to the dative singular, I need only refer to the Eugubine Tables, which give us, in the Latin writing, ovi, vitlu, instead of ufeph, fitluph, which appear in the corresponding passages of the Umbrian inscriptions.

The accusative and ablative require a more attentive consideration than has generally been bestowed upon them. The specimens of old Latin in Chap. VI. have sufficiently shewn that the characteristic of the Latin ablative was $-d$, or perhaps, at one period of the language, $-t$. The common sign of the accusative is $-m$. This corresponds strictly to the Sanscrit. The Greek language, however, being intolerant of $m$ and $d$ at the end of a word, has changed the $-m$ into $-\nu$, and softened the $-d$ of the ablative into $-s$. The Greek language therefore affords no assistance to the philologer, when he is puzzled and perplexed, as he cannot but be, by the interchange and confusion of the locative, ablative, genitive, and objective notions, which have attached themselves to these two endings, which - being the one a

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with the genitive denote " causation," but with the dative mere " locality?" Why should кaтá with the genitive imply motion in a vertical line, but катá with the accusative motion in an horizontal line? These are questions which carry us back to the very foundations of all psychology; and it is not the design of the present work to deal with such matters. ${ }^{1}$
§ 7. The vocative and the neuter forms.

In the above scheme of the case-endings, and in the examples of the different declensions, I have omitted the vocative, because it is either the nominative, or, when it exists as such, is merely the crude form of the noun; and I have said nothing of nouns of the neuter gender, because the only distinction between these and other nouns consists in the circumstance that they have no nominative as distinct from the accusative ${ }^{2}$ (see $N$. Crat. p. 314). The only remark which this part of the subject requires, is one connected with the last paragraph. All neuter nouns, to whatever declension they belong, form their plural nomi-native-accusative in $\breve{a}$. By the side of this we may place another general observation. All Greek nouns, whatever their crude form may be, have $\breve{a}$ as the termination of their

[^47]accusative singular, when the regular $-\nu$ is omitted: thus we have äv $\delta \rho \rho a ̆$ for $a ̈ \nu \delta \rho a-\nu$, and $\tau \dot{\prime} \pi \tau o \nu \tau a ̆$ for $\tau \dot{\prime} \pi \tau o \nu \tau a-\nu$. These two phenomena put together would lead us to the conclusion, that the plural nominative-accusative of Latin nouns originally terminated in a dental. That this was actually the case appears from the Senatus-Consultum de Bacch. (1. 24) : quei advorsum ea-d fecisent. Consequently there was no real distinction of number in the objective cases of neuter nouns; and this is in harmony with the fact, that in Greek such nouns govern a singular verb.

Three of the pronouns exhibit a deviation from this form of the noun. The demonstrative $h i-c$ makes its neuter $h a-c$; and the relative $q u i$, and the interrogative and indefinite quis (with their derivatives), have qua in the neuter plural. If we compare the sing. fem. of these pronouns (hac, qua) with the corresponding forms in the other pronouns (eă, istă, \&c.), we are induced to believe that the former must have been originally $h \breve{a}$, $q u \breve{a}$, which having been strengthened by the addition of the other pronominal element $c e$, represented the loss of this, or of its final vowel, by a lengthening of the case-vowel. This supposition is not affected by the circumstance, that the vowel is equally lengthened whether the $-c$ is appended or not; for there are other indubitable instances of the fact that a vowel, which has crept in as a modified pronunciation of a consonant, has taken its place at first by the side of the consonant which it ultimately supplants. This we know to have been the case with the French $u$ considered as a substitute for $l$; for alter was written aultre before it became autre ; canales appeared as canaulx before the word subsided into canaux, \&c. Moreover there appear to have been cases of $k i-c$ in which the $-c$ was written after it had ceased to be pronounced: thus Varro has $h i-c$ for $h i$ (L. L. vi. § 73, p. 102), and ha-c for hee (L. L. v. §§ 75, 98,137 ) ; and the latter spelling occurs also in Plautus
(Aulul. iii. 5, 59) and Terence (Eun. iii. 5, 34; Phorm. v. 8, 23). It seems, too, that the termination -ce was sometimes represented by a mere lengthening of the vowel $a$ without any addition, as in quā-propter; sometimes the termination $-c$ is appended without any additional vowel, as in post-hac, advorsus hac. The appearance of the former phenomenon in such forms as inter-eā, post-eā, \&c., leads to the inference that the plural of is was also sometimes furnished with this appendix ; and this inference is in some measure confirmed by the analogy of post-esa-k in the Oscan language (see above, Ch. IV. § 4).
§ 8. Adverbs considered as cases of nouns.

If now we add to the observations derived from the actual cases of the nouns and pronouns, the additional phenomena furnished by the adverbs, the subject of this chapter will have received all the examination of which it is capable.

Adverbs are, properly speaking, certain cases of pronouns and nouns, and under particular circumstances they are deduced from the participles or supines of verbs. Their syntactical use is as secondary predicates, inasmuch as they convey predication only through the verb of the sentence. The Greeks use their adjectives and participles for this purpose without any additional inflexion; but the Roman adverbs are always cases, and sometimes, if one may use the expression, double or superimposed cases of nominal or pronominal forms.

Pronominal adverbs are secondary predicates either of place or of time. The former indicate-(a) " locality," in which case they generally exhibit the locative endings $-b i$ and $-m$ : thus, from the demonstrative is and the relative $q u i$, we have $i-b i$ and $u b i$, originally cubi, comp. ali-cubi, \&c.; the ending -m appears in us-quam or uspiam, \&c.;(b) " motion towards," in which case they end in -o: as ul-tro, "to a place beyond" (see Döderlein, Syn. u. Etym. iii. p. 105, sqq.) ; quo, " whither;"eo, " thither," \&c.;

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(b) The termination -ter is appended to adjectives of the third declension in the same way as $\left.\begin{array}{l}-\bar{o} \\ -\bar{e}\end{array}\right\}[d]$ is affixed to adjectives of the first and second declension. Thus, from lenis we have leni-ter; from gravis, gravi-ter; from felix, fe-lici-ter; from audax, audac-ter; from difficilis, difficul-ter; and so on. The termination is, in fact, the same as that in tus, which is appended to substantives and adjectives of the second declension: thus we have cali-tus, fundi-tus, radici-tus, antiqui-tus, divini-tus, humani-tus, \&c. This last, which is obviously the older form, answers to the Sanscrit -tas, -thas, -das, -dhas, on the one hand, and to the Greek $-\theta \epsilon \nu$ on the other (compare the Greek first person plural in $-\mu \epsilon \nu$ with the Latin in $-m u s)$. There is yet a third form in which it appears, namely, -tim, which is the termination of a most interesting class of participial adverbs; for I cannot consent to consider any of them as strictly formed from nouns; and though the verbs in all cases are not forthcoming, the adverbs themselves prove that they must have existed in part at least. Instances of this class of adverbs are caterva-tim, carp-tim, grada-tim, priva-tim, punc-tim, separa-tim, vica-tim. Compare with these the German participial forms in -ingen, and the Greek participial adverbs in $-\nu \delta a,-\nu \delta \eta \nu,-\delta \eta \nu(N$. Crat. p. 342, sqq.). The most striking result from a proper appreciation of the origin of adverbs in -tim, is the explanation which it supplies for those adverbs in -ter which are derived from active participles. The termination of the passive participle is already -tus; the adverb, therefore, is a locative case of the participle; for caterva-tim stands to caterva-tus in precisely the same relation as par-tim to pars (par[t]s) (N. Crat. pp. 215, 443). Simi-
tâvat respectively. Now as, by the side of $\lambda \epsilon \epsilon \omega s$ we have $\lambda a F o ́ s$ and $\lambda a ̂ s$, so by the side of $\epsilon \omega s$ we have $\bar{d} s$ (Pind. O. xi. 51; Aristoph. Lysistr. 173), which was also written Fâs (Tab. Heracl. 2, 52, p. 207); and we may therefore infer the intermediate form ${ }^{\alpha} \mathrm{Fos}=\hat{\alpha} \mathrm{F} o \delta=y \hat{a}-v a t$.
larly, aman-ter, sapien-ter, \&c. are cases of the participles amans, sapiens, \&c.; for the crude forms of these participles already contain the $t$. Now, if I am right in concluding that these terminations, $-\theta \epsilon v,-d h a s,-t e r,-t u s,-t i m$, \&c. are lengthened forms of that dental which marks the ablative of the noun and the objective neuter of the pronoun ( $N$. Crat. p. 326), most interesting conclusions may be drawn from this respecting the origin of the participle and of the passive person-endings of the Latin verb: for if the dental, which must be added to the noun to form the ablative case or adverb, is already included in the participle, it follows that the crude form of the participle is already an ablative or objective formation. That there is no essential distinction between the terminations -tim and -ter, and that the former is not restricted to participles of the passive formation, is clear from such forms as pede-tentim, \&c. In fact, while the $-d$ or $-t$ alone are sufficient to express the ablative and participial relation (as in cupi-dus $=$ cupiens; the terminations $-\delta o v,-\delta \eta \nu$, by the side of $-\nu \delta o \nu,-\nu \delta \eta \nu$; the participle $\tau \epsilon \tau \nu \phi o ́ \tau[-\omega \varsigma]$ by the side of тúmтovт-; and the adverbs in -tus by the side of those in $-n d e$, both signifying " motion from" $=$ " ablation"), yet we must admit that the strengthened form of the active participle, which contains the liquid as well as the mute dental, is no less ablative than those forms in which the mute appears alone; for there is no less opposition between $i-b i$ and $i$-nde from $i-s$, than between $a \dot{u} \tau o ́ o-\theta \iota$ and aù $\boldsymbol{\tau}{ }^{\prime}-\theta \epsilon \nu$ from au̇tó-s. ${ }^{1}$ The participle, therefore, is an

[^48]ablative or adverbial formation from a verbal root, expressing that which comes out of the action of a verb, i.e. the manner of it ( $N$. Crat. p. 345) ; and differs only from these adverbs, and from the persons of the verb, in the circumstance, that it is not an immovable form, but one which is capable of regular flexion through the whole system of cases (N. Crat. p. 380).

Adverbs, used as conjunctions, are such as $j a m$ (from is), enim (Sanscr. êna), ideo, tamen, igitur, \&c. These are, in fact, cases of different pronouns. Most of them are of obvious origin: ideo (comp. adeo) is equivalent to the Greek $\mathfrak{\epsilon} \pi i \tau \eta \delta \epsilon \varsigma$ ( $=\epsilon \in \pi i$ тá $\delta \epsilon \sigma \iota \nu$, Buttmann), and from it is derived idoneus $=$ ideoneus $=\mathrm{Gr} . \dot{\epsilon} \pi \iota \tau \eta{ }^{\prime} \delta \epsilon \iota o s$. Igitur is the case in $-t u r$ ( $=t u s,-\theta \epsilon v$ ) from a pronoun which is found in Oscan, under the form of $e \dot{s} a$, the soft Latin $g$ representing the sound of $\dot{s}$ or $z$. In old Latin its signification was $i$-nde, " out of that" (Festus, p. 105; above, Chap. VI. § 7), which is the usual force of the termination $-t u s=\theta \in v$.

Some adverbs are merely cases of common nouns, which usage has made indeclinable. These appear sometimes as conjunctions, and sometimes as prepositions. Instar, gratiâ, and ergo, may be compared with $\delta_{i \kappa \eta \nu, ~ \chi a ́ \rho \iota \nu, ~ a n d ~}^{\epsilon} \nu \epsilon \kappa а$ (see N. Crat. p. 350, sqq.). Prope[d] (cf. propin-quus) is the ablative of an old adjective, and prop-ter is its case in $-t e r=t u s=\theta \epsilon \nu . \quad$ Penes and tenus are forms of the same kind as instar, and contain the roots of pen-d-ere, ten-dere. Clam and palam are locatives of the same nature as partim, \&c. The former, which was also written calin
upon the genitive of the personal. If I am not mistaken, this is calculated to throw an important light upon the organisation of the Indo-Germanic and many other languages." I gladly embrace this opportunity of correcting the oversight (in the N. Crat. p. 431) by which I have attributed to Dr. Prichard an important philological discovery, which is really due to bis reviewer, Mr. Garnett (Quarterly Review, lvii. p. 100).

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## CHAPTER IX.

## THE THEORY OF THE LATIN VERB.

§ 1. The Latin verb generally defective. § 2. The personal inflexions - their consistent anomalies. § 3. Doctrine of the Latin tenses. § 4. The substantive verbs. §5. Verbs which may be regarded as parathetic compounds. §6. Tenses of the vowel-verbs which are combinations of the same kind. §7. Organic derivation of the tenses in the consonant-verb. § 8. Auxiliary tenses of the passive voice. §9. The modal distinctionstheir syntax. §10. Forms of the infinitive and participle-how connected in derivation and meaning. §11. The gerundium and gerundivum shewn to be active and present. § 12. The participle in -irus. § 13. The past tense of the infinitive active. § 14. Differences of conjugation.
$\S$ 1. The forms of the Latin verb are meagre and scanty in the
same proportion as the cases of the nouns are multifarious and comprehensive. The deficiencies of the one are due to the same cause as the copiousness of the other. They both spring from the antiquity of the language. An idiom which has been long employed in literature will generally substitute prepositions for the inflexions of cases, and, by the employment of various syntactical devices, increase the expressiveness and significance of the verb. It is just in these particulars that the dialects formed from the Latin differ from their mother-speech, and in the same particulars they approximate to the syntactical distinctness of the Greek.

## THE PERSON-ENDINGS.

§ 2. The personal inflexions their consistent anomalies.

The Latin person-endings are, however, on the whole, less mutilated than the corresponding inflexions in the Greek verb. This is because the person-endings are, in fact, case-endings of pronouns, by virtue of which every form of the finite verb becomes complete in itself (see
N. Crat. p. 429), and the case-endings, as has been already observed, are more perfect in Latin than in Greek.

The person-endings. of the active verb, as they appear in classical Latin, are $-m,-s,-t$; -mus, $-t i s,-n t$. But these forms are not maintained throughout all the tenses. The present indicative has dropt the characteristic $-m$, except in the two cases of sum and inquam. The sign of the first person singular is also wanting in the perfect indicative, and in the futures in $-b o$ and -ro. The second person singular is represented by $-s$ in every case but one -that of the perfect indicative, which substitutes -s-ti. The third singular is always $-t$; the first plural always -mus; the second plural always -tis, except in the perfect indicative, when it is -s-tis, to correspond with the singular of the same person; and the third plural is always -nt, though this is occasionally dropt in the third person plural of the perfect indicative, which, like the second persons, inserts an additional $r=s$ (below, p. 264). If we may judge from the -to, -tote of the imperative, these person-endings must have been originally ablative or causative inflexions of the pronouns. The original form of the imperative suffix in the singular number was -tod or -tud, which is unequivocally an ablative inflexion (above, Chap. VIII. §6).

The person-endings of the passive verb present some difficulties to the inquiring philologist. In fact, only the third person, singular and plural, seems to have been preserved free from mutilation or suppression. The terminations of the passive should, according to the rules of sound philology, present themselves as inflexions or cases of the active person-endings. If, then, we compare the active amat, amant, amare, with the corresponding passive forms, amatur, amantur, amarier, we must conclude that $r$, connected with the active form by a short vowel, $e$ or $u$, is the sign of the passive voice, and that this amounts to an inflexion of the active form analogous to the adverbs
in -ter (leni-ter, gnavi-ter, \&c.), -tus (cali-tus, \&c.), or -tim (grada-tim, \&c.). According to this, the first persons amor and amamur are contractions of amŏmĕr, amämŭs $\check{r} r$, according to the Sanscrit analogy (comp. bharê with $\phi$ '́ро $\mu a \iota, \& c . N$. Crat. pp. 436, 445). The second persons, amaris (amare) and amamini, are altogether different forms; they seem to be two verbals, or participial nouns, of the same kind respectively as the Latin and Greek active infinitives, amare = amase (compare dic-sisse, es-se, Gr. $\left.\gamma^{\prime} \lambda \lambda a i ̈ s, ~ v ̈ \psi o i ̈ s, \& c.\right)$, and $\tau v \pi \tau \epsilon-\mu \epsilon ́ v a \iota$, which are, in fact, locative cases of passive participles. The verbal, which stands for the second person singular of the passive verb, was probably, in the first instance, a participle in -sus; compare ver-sus, cur-sus, \&c. That which represents the second person plural is the plural of a form which is of very frequent occurrence in the Latin language ( $N$. Crat. p. 495). The older form ended in -minor, and is preserved in the imperative, which in old Latin had a corresponding second person singular in -mino: thus we have antestamino (Legg. xiı. Tab. i. Fr. 1, above, Ch. VI. § 7), famino (Fest. p. 87), prafamino (Cat. R. R. 135, 140), fruimino (Inscr. Grut.), for antestare, fare, prafare, fruere; as well as arbitraminor (Plaut. Epid. v. 2, 30) and progrediminor (id. Pseud. iii. 2, 70) for arbitramini and progredimini. The use of these verbals, with a fixed gender, and without any copula, to express passive predications referring to the second person, is one of the most singular features in the Latin language, and can only be compared to the Greek use of the infinitive to express the second person imperative.

## THE TENSES.

§ 3.
Doctrine of the Latin tenses.

There is, perhaps, no one department of classical philology in which so little has been done as in the analysis and simplification of the Latin tenses. They are still arranged and designated as they were in the beginning;

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though common to all the old Italian languages, is of only partial application in the existing forms of the Latin verb. With regard to the value of the tenses in $\sigma$ - and $\iota-$, the same holds to a certain extent in Latin also; but while the principle is here susceptible of a double application, it is, on the other hand, interrupted by the operation of a system of composite tenses which is peculiar to the Latin language.
§ 4.
The substantive verbs.

Before I proceed to examine the tense-system of the Romans, as it appears in all the complications of an ordinary verb, it will be as well to analyse, in the first instance, the substantive verb, which enters so largely into all temporal relations.

The Latin language has two verbs signifying " to be:" one contains the root es-, the other the root $f u$-.

The inflexions of es- are as follows:-

INDICATIVE PRESENT.


IMPERFECT.

${ }^{1}$ Varro, L. L. ix. 100, p. 231.

## FUTURE or CONJUNCTIVE,

Formed by the insertion of the guttural element -i.
Actual forms. Ancient form. Sanscrit.
ero, 'sim, 'siêm . . esyâm . . syâm
eris, 'sis, 'siês . . . esyâs . . syâs
erit, 'sit, 'siêt . . . esyât . . syât
erimus, 'sîmus, 'siêmus . . esyâmus • syâma
eritis, 'sîtis, 'siêtis . . esyâtis . . syâta
erunt, 'sint, 'siênt . . esyânt . . syus.

INDEFINITE or PAST TENSE,
Formed from this last by the addition of $-s \breve{a}$.


INFINITIVE,
Or locative of a verbal in -sis, expressing the action of the verb. ${ }^{1}$ es-se.

## PARTICIPLE。

Nom. 'sen $[t] s$ (in $a b$-sens, pre-sens, \&c.) originally esen $[t] s$ Gen. 'sentis
esentis
\&c.
\&c.
IMPERATIVE.


Throughout the Latin verb we may observe, as in the case of ero here, that the element $i$ has vanished from the
first person of the future; for ero does not really differ from esum, the present indicative. The explanation of this may be derived from the fact, that in English the first and other persons of the future belong to different forms: where an Englishman says, "I shall" of himself, he addresses another with " you will;" and conversely, where he asserts of another that " he shall," he tells him, "I will." The third person plural erunt, if it is not a mutilation of era-font, era-hunt (above, p. 68), is only another way of writing erint; $u_{3}$ being substituted, as it so frequently is, for $i_{3}$, to which the qualifying $i$ had been ultimately reduced. But besides the form of the future in $i$, we have in old Latin another expression of it in the inchoative form esco for es-sco (Legg. xir. Tab. apud Gell. xx. i. Tab. I. fr. 3. Lucret. i. 613. Festus, s. v. escit, p. 77; superescit, p. 302; nec, p. 162; obescet, p. 188; and Müller, Suppl. Annot. p. 386).

The inflexions of the verb $f u$ - are the following :-


4th tense (both $-8 a$ and $-i$ ). 5th tense ( $-8 a-8 a-i$ ). fu[v]e-syam (forem and fuerim) . fu[v]i-sa-sa-im (fuissem) \& $c$. $\& c$. $\& c$.
\&c.

Participles, foetus and futurus. Inchoative, foe-cundus= foi-cundus $=$ fui-scundus; comp. ira-cundus from ira-scor, $j u-c u n d u s$ for juvi-scundus from juvo, vere-cundus for veriscundus from veri-scor, \&c.

The conjugations of these two verbs furnish us with

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dere licet), sci-licet (= scire licet), pate-facio (=patere facio), ven-eo (=venum eo, comp. venum-do on the analogy of per-eo, per-do), \&c. There is a distinct class of verbs in -so, which are undoubtedly compounds of the same kind, as will appear from an examination of a few instances. The verb si-n-o has for its perfect sivi; and it is obvious that the $n$ in the present is only a fulcrum of the same nature as that in $p o-n-0$, root pos-; $\pi i-\nu \omega$, root $\pi \iota-$, \&c. Now the verbs in -so, to which I refer, such as arcesso, capesso, lacesso, quaro, \&c., all form their perfect in -sivi. We might therefore suppose, a priori, that the termination was nothing but the verb sino. But this is rendered almost certain by the meaning of arcesso or accerso, which is simply accedere sino. ${ }^{1}$ Similarly, capesso $=$ capere sino, facesso $=$ facere sino, lacesso = lacere sino, \&c. The infinitive of in-quam (above, p. 83) does not exist; but there can be little doubt that it is involved in qua-ro or qua-so, which means " I cause to speak," i.e. " I inquire."

Most of the tenses of the Latin vowel-verb seem to be composite forms of the same kind with those to which I have just referred; and the complete verbal inflexion, to which the crude form of the particular verb is prefixed, is no other than a tense of the verb of existence $f u$-, Lithuan. bu-, Sanscrit bhû- (see Bopp, Vergl. Gram. vierte Abtheil. pp. iv. and 804). This verb, as distinguished from es-, expresses " beginning of being," or " coming into being," like the Greek rívopal. It is therefore well calculated to perform the functions of an auxiliary in the relation of time.

[^49]The vowel-verb has a present tense which preserves throughout the vowel of the crude form. From this is derived, with the addition of the element $i$, the present subjunctive, as it is called; and from that, by the insertion of $s$-, the imperfect of the same mood. Thus we have $a m e ̂ m=a m a-i m$, amarem $=a m a s e m=a m a-s a-i m ; ~ m o n e a m$ $=$ mone-yam, monerem $=$ monesem $=$ monesyam, \&c. That $i$ was the characteristic of the secondary or dependent mood is clear from the old forms $d u-i m$ (dêm), temper-im, ed-im, verber-im, car-im, \&c., which, however, are abbreviations from $d u-y a m, ~ e d-y a m, \& c$. Comp. sim with the older form siem, and $\delta i \delta o \iota \mu \iota, \& c$. with $\delta \iota \delta o l \eta \nu, \& c$. The $i$ is absorbed or included in moneam, legam, \&c.; just as we have nav-âlis for navi-alis, fin-âlis for fini-alis, \&c. (Benary, Romische Lautlehre, p. 95.) These are the only tenses which are formed by pronominal or organic additions to the root of the verb. Every other tense of the vowel-verb is a compound of the crude form of the verb and some tense of $f u$ or bhu-.

The futures of the vowel-verbs end in -bo, -bis, -bit, \&c., with which we may compare $f i o, f i s, f i t, \& c$. The imperfect, which must be considered as an indefinite tense corresponding to the future, ends in -êbam, -êbas, -êbat, \&c., where the initial must be regarded as an augment; for as reg'-ébat is the imperfect of the consonant-verb reg'o, not regĕbat, and as audi-êbat is the imperfect of aud-io, though audi-bit was the old future, it is clear that the suffix of the imperfect had something which did not belong to the crude form, but to the termination itself; it must therefore have been an augment, or the prefix which marks past time (see Benary, l. c. p. 29).

The perfect of the vowel-verbs is terminated by $-v i$ or -ui. If we had any doubt as to the origin of this suffix, it would be removed by the analogy of pot-ui for pot-fui= potis-fui. Accordingly, ama-vi (=ama-ui), mon-ui, audi-vi
(=audi-ui), are simply ama-fui=amare-fui, mon-fui= monere-fui, and audi-fui =audire-fui.

Similarly, with regard to the tenses derived from the perfect, we find that the terminations repeat all the derivatives of fui: thus, ama-uero =ama-fuero; ama-uisses $=$ ama-fuisses, \&c. in the conso-nant-verb.

The consonant-verb, on the other hand, forms all its tenses, except the imperfect, ${ }^{1}$ by a regular deduction from its own root. Thus we have reg'o [old fut. reg-so], 1 aor. reg-si; conjunct. pres. or precative, regam = regyam, regas $=$ regyas, or, in a softer form, regês = rege-is, \&c.; conj. imperf. or optat. regerem $=$ regesyam; 2 aor. reg-se-ro $=$ reg-se-sim; conjunc. 3 tens. regsissem $=$ reg-si-se-syam. If we might draw an inference from the forms facsit, \&c., which we find in old Latin, and from fefakust, \&c., which appear in Oscan, we should conclude that the Italian consonantverb originally possessed a complete establishment of definite and indefinite tenses, formed from the root by pronominal or organic addition, or by prefixing augments and reduplications after the manner of the genuine Greek and Sanscrit verbs. For example's sake, we may suppose the following scheme of tenses : root pag, pres. pa-n-go-m, impf. e-pangam, fut. pan-g-sim, l aor. e-pangsim, perf. pe-pigi-m, pl.-perf. pe-pige-sam, conj. pangyam, opt. pangesyam, $\mathcal{Z}$ fut. pepige-sim or pangse-sim, past tense (derived from this) pe-pigise-syam or pang-si-se-syam.
§ 8. Auxiliary tenses of the passive voice.

In the passive voice, those tenses which in the active depend upon fui and its derivatives are expressed by the passive participle and the tenses of e-sum. The other tenses construct the passive by the addition of the letter

[^50]
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conjunctive and optative must be regarded as differing in tense only. The Latin grammarians are contented with four moods, namely, the indicative, subjunctive, imperative, and infinitive; and according to this arrangement, the present subjunctive Latin answers to the Greek conjunctive, while the imperfect subjunctive Latin finds its equivalent in the optative of the Greek verb: for instance, scribo, ut discas corresponds to $\gamma \rho a ́ \phi \omega$, ìva $\mu a \nu \theta a ́ v \eta s$, and scripsi, ut disceres to $\notin \gamma \rho a \psi a$, ǐva $\mu a \nu \theta a ́ v o \iota s$. If, however, we extend the syntactical comparison a little further, we shall perhaps be induced to conclude that there is not always the same modal distinction between the Latin indicative and subjunctive which we find in the opposition of the Greek indicative to the conjunctive + optative. Thus, to take one or two instances, among many which might be adduced, one of the first lessons which the Greek student has to learn is, to distinguish accurately between the four cases of protasis and apodosis, and, among these, more especially between the third, in which two optatives are used, and the fourth, in which two past tenses of the indicative are employed. ${ }^{1}$ Now the Latin syntax makes

[^51]1. Possibility without the expression of uncertainty:

2. Uncertainty with the prospect of decision:

3. Uncertainty without any such subordinate idea:

4. Impossibility, or when we wish to indicate that the thing is not so:


The distinction between cases (3) and (4) is also observed in the expression
no such distinction between the third and fourth cases, only taking care in the fourth case to use past tenses, and in the third case, where the hypothesis is possible, to employ present tenses of the subjunctive mood. Thus, e.g. in the third case: si hoc nunc vociferari velim, me dies, vox, latera deficiant; where we should have in Greek, $\epsilon i$ тov̂to

 scirem, dicerem $=\epsilon i \dot{\eta} \pi \iota \sigma \tau \alpha ́ \mu \eta \nu$, $\epsilon^{\prime} \lambda \epsilon \gamma \circ \nu$ ä $\nu$. (b) si voluissem plura, non negasses= $\epsilon \dot{i} \pi \lambda \epsilon o ́ v \omega \nu \dot{\epsilon} \pi \epsilon \theta \dot{v} \mu \eta \sigma a$, oùк $\mathfrak{a} \nu \dot{\eta} \rho \nu \eta{ }^{\prime} \sigma \omega$. And this confusion becomes greater still, when, by a rhetorical figure, the impossible is supposed possible; as in Ter. Andr. ii. 1, 10: tu si hic sis, aliter sentias. For in this instance the only difference between the two cases, which is one of tense, is overlooked. In the apodosis of case 4, b, the Romans sometimes used the plusquam-perfectum of the indicative, as in Seneca, de Ira, i. ll : perierat imperium, si Fabius tantum ausus esset, quantum ira suadebat; and Horace, ii. Carm. 17, 27: me truncus illapsus cerebro sustulerat, nisi Faunus ictum dextra levasset. Sometimes the perfect was used in this apodosis, as in Juvenal, x. 123: Antoni gladios potuit contemnere, si sic omnia dixisset. Again, particles of time, like donec, require the subjunctive when future time is spoken of; as in Hor. i. Epist. 20, 10: carus eris Rome, donec te deserat atas. But this becomes a past tense of the indicative when past time is referred to; as in Hor. i. Epist. 10, 36 : cervus equum —pellebat—donec [equus] imploravit opes hominis franumque recepit. The confusion between the Latin indicative and subjunctive is also shewn by the use of the subjunctive present as a future indicative (a phenomenon equally remarkable in Greek, N. Crat. p. 480), and con-
of a wish: thus, utinam salvus sis! pronounces no opinion respecting the health of the party addressed; but utinam salvus esses! implies that he is no longer in good health.
versely by the employment of the periphrastic future (which is, after all, the same kind of form as the ordinary composite form of the future indicative) as an equivalent for a tense of the subjunctive mood. Thus Cicero uses dicam and dicere instituo in the same construction; Phil. i. 1: "antequam de republica dicam ea, quæ dicenda hoc tempore arbitror, exponam breviter consilium profectionis meæ." Pro Murena, 1: "antequam pro L. Murena dicere instituo, pro me ipso pauca dicam." And we have always the indicative in apodosis to the subjunctive when the future in -rus is used: e.g. Liv. xxxviii. 47: " si tribuni prohiberent, testes citaturus fui" (for "citarem") ; and Cic. Verr. iii. 52: "illi ipsi aratores, qui remanserant, relicturi omnes agros erant" (for "reliquissent"), " nisi ad cos Metellus Roma literas misisset." The Romans also used the futurum exactum, which is generally accounted a tense of the subjunctive, exactly as the Greeks used their perfect indicative with $\kappa a i \quad \delta \dot{\eta}$ in suppositions.

On the whole, it must be confessed that the Latin subjunctive, meaning by that term the set of tenses which are formed by the insertion of $-i$-, differs modally from the indicative only in this, that it is uniformly employed in dependent clauses where the idiom of the language repudiates the indicative; and it is not a little remarkable, that in almost all these cases-in all, except when final particles are used, or when an indirect question follows a past teuse - the indicative is expressly required in Greek syntax. The title subjunctive, therefore, does but partially characterise the Latin tenses in $-i$-; and their right to a separate modal classification is scarcely less doubtful than that of the Greek optative as distinguished from the conjunctive.

The differences between the indicative, imperative, and infinitive equally exist between the two latter and the subjunctive. The indicative and subjunctive alone possess a complete apparatus of person-endings; the imperative

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-syer, and not merely -rer. This infinitive, therefore, is the indeclinable state of a derivative precisely similar to the Greek nouns in $-\sigma \iota \varsigma$ ( $\pi \rho \hat{a} \xi \iota \varsigma, \dot{\rho} \hat{\eta}-\sigma \iota \rho, \& c$.), which express the action of the verb. This Greek ending in $-\sigma \iota \rho$ appears to have been the same in effect as another ending in - $\tau \dot{\nu} \varsigma$, which, however, is of less frequent occurrence ( $\dot{\epsilon} \pi \eta$ $\tau u ́ s, ~ \grave{e ́} \eta-\tau u ́ s$, ò $\rho \chi \eta \sigma-\tau v ́ s, \& c$.), but which may be compared with the Latin infinitive (b) in -tum, -tu (the supine, as it is called), and with the Sanscrit gerund in -tvá. The verbal in -tus, which is assumed as the origin of these supines, must be carefully distinguished from the passive participle $(\beta)$ in -tus. For, while the infinitive ( $b$ ) is formed like the infinitive ( $a$ ) by a suffix belonging to the second pronominal element ( $N$. Crat. p. 345), so that the labial $(\mathrm{U}=\mathrm{v})$ is an essential part of the ending, the participle $(\beta)$ has merely a dental suffix derived from the third pronominal element, and corresponding to the Greek endings in -Tos, -vos, and the Latin -tus = nis (formerly -nus). In fact, the suffix of infinitive (b) is $t v$, that of participle $(\beta)$ is $t$ - only.
§ 11. The gerundium and gerundivum shewn to be active and present.

The infinitive (c) and the participle (a) are, in fact, different, or apparently different, applications of one and the same form. In its infinitive use this verbal in -ndus is called by two names- the gerundium when it governs the object of the verb, and the gerundivum when it agrees with the object. Thus, in "consilium capiendi urbem," we have a gerundium; in " consilium urbis capienda," a gerundivum. As participles, the ordinary grammatical nomenclature most incorrectly distinguishes the form in -ndus as " a future passive," from the form $-n[t] s$ considered as " a present active." The form in -ndus is never a future, and it bears no resemblance to the passive in form. The real difficulty is to explain to the student the seeming alternation of an active and passive meaning in these forms. Perhaps there is no better way of doing this than by di-
recting attention to the fact, that the difference between active and passive really becomes evanescent in the infinitive use of a verb. " He is a man to love" $=$ " he is a man to be loved;" "I give you this to eat"=" I give you this to be eaten," \&c. ${ }^{1}$ The Greek active infinitives in $-\mu \epsilon v a \iota,-\nu a \iota$, are really passive forms in their inflected use; ${ }^{2}$ and that the Latin forms in -ndus, which seem to be passive in their use as gerundiva, are really only secondary forms of the participle in $-n[t] s$, appears not only from etymological considerations ( $N$. Crat. p. 498), but also from their use both as active infinitives and active participles. When the gerundivum is passive, it generally seems to attach to itself the sense of duty or obligation. Thus, we should translate delenda est Carthago, "Carthage is to be destroyed" $=$ " we ought to destroy Carthage;" and no one has taken the trouble to inquire whether this oportet is really contained in the gerundivum. If it is, all attempts at explanation must be unavailing. But since it is not necessary to seek in the participial form this notion, which may be conveyed by the substantive verb (e. g. sapientis est seipsum nosse), it is surely better to connect the gerundivum with the gerundium, and to reconcile the use of the one with the ordinary force of the

[^52]other. Supposing, therefore, that $d a-n d u s$ is a secondary form of $d a-n[t] s$, and synonymous with it, on the analogy of Acraga $[n t] s$, Agrigo-ntum; orie-n $[t] s$, oriu-ndus, \&c.; how do we get the phrase da-nda est occasio, " an opportunity is to be given," from $d-a-n d u s=d a n[t] s$, " giving?" Simply from the gerundial or infinitive use of the participle. Thus, (A) $d a-n d u s=d a-n[t] s$ signifies " giving;" (в) this, used as an infinitive, still retains its active signification, for ad dandum opes means " for giving riches" $=$ " to give riches;" (c) when this is attracted into the case of the object, the sense is not altered, for ad opes dandas is precisely equivalent to ad dandum opes; (D) when, however, this attraction appears in the nominative case, the error at once takes root, and no one is willing to see that it is still merely an attraction from the infinitive or indeclinable use of the participle. Even here, however, the intransitive verb enables us to bring back the student to a consideration of the real principle. For one can hardly fail to see that vivendum est $=$ vivere est i. q. oportet vivere; and that there may be no doubt as to the identity of the uninflected with the inflected gerund in this case, Horace has put them together in the, same sentence: " nunc est bibendum, nunc pede libero pulsanda tellus," where it is obvious that tellus pulsanda est is no less equivalent to " oportet pulsare tellurem," than " bibendum est" is to " oportet bibere." At all events, his Greek original expressed both notions by the infinitive with $\chi \rho \eta^{\prime}$ :
$\nu \hat{v} \nu \chi \rho \bar{\eta} \mu \in \theta \vee \sigma \theta \eta \nu$ каl $\tau \imath \nu a \pi \rho \partial s$ ßlà


(Alcæus, Fr. 20, p. 575, Bergk.)
This view of the case appears to me to remove most of the difficulties and confusions by which the subject of the gerund has hitherto been encumbered. There are two supplementary considerations which deserve to be adduced. The first is, that in the particular case where the gerun-.

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tinction of tense between it and the participle in -tus even in the case of active verbs. Thus volvendus is really a present tense in Virgil, Eneid. ix. 7: volvenda dies, en, attulit ultro; comp. Ennius (apud Varro, L. L. vii. § 104, p. 160, Müller), and Lucretius, v. 1275; because, in its inflected form, it is equivalent in meaning to volvendo. And the words of Livy (pref. ad Hist.): " quæ ante conditam condendamve urbem traduntur," can only mean " traditions derived from a period when the city was neither built nor building."
§ 12. in -ûrus.

The participle ( $\gamma$ ) in -rus or $-\bar{u} r u s$, which always bears a future signification, is supported by an analogy in the Latin language which has no parallel either in Greek or Sanscrit. The Greek desiderative is formed from the ordinary future by the insertion of the element $i$-: thus $\delta \rho a ́-\omega$, fut. $\delta \rho \alpha ́-\sigma \omega$, desiderative $\delta \rho a-\sigma \epsilon i \omega$. This desiderative is the common future in Sanscrit; though the Vêdas have a future, like the Greek, formed by the element $s$ only, without the addition of $i$. ${ }^{1}$ Now the regular future of scribo would be scrip-so, indicated by the aorist scrip-si; but the desiderative is scripturio. We may infer, then, that in the loss of the regular future of the Latin verb, the desiderative and future participle have been formed by the addition of the future $r=s$ and the desiderative $r i=s i$, not to the crude form of the verb, but to the verbal in tus.
§13. The past tense of the infinitive active ends in -isse, active. both when it corresponds to the Greek first aorist, as scripsisse; when it is the regular perfect, as tetigisse; and when it is a composite form, as ama-visse =ama-fuisse. It is to be recollected that in all these cases the same tense inserts an $-s=r$ in the second person singular and second

[^53]and third persons plural of the indicative mood. It is not improbable, then, that this doubling of the $-s$ of the infinitive ( $-s-s e$ instead of $-s e$ ) is to be explained from the indicative mood (namely, as fui-s-tis instead of fui-tis, so fui-s-se instead of fui-se $=f u e$-re $=$ fore $)$, and that we have in both cases insertions similar to that by which fuissem is formed from forem. The supposition, that this additional $s$ is designed to represent the lengthening of the penultimate syllable of the infinitive, is at least not very plausible. ${ }^{1}$

## THE CONJUGATIONS

There is not much difficulty in the classification of the Latin verbs according to their conjugation, as it is called. We have three conjugations of vowel-verbs, in $a, e, i$, which are regularly contracted; and one conjugation of consonantverbs, which retain their inflexions uncontracted. In the conjugations $u$ is generally reckoned as a consonant, and this is sometimes the case with $i$. Now it is to be observed, that, in Latin as well as Greek, the vowel-verbs are all secondary or derivative forms, whereas the conso-nant-verbs are anterior to the corresponding nouns. The reasons for this have been given in the New Cratylus, p. 529; it will be sufficient in this place to shew that such is the case in the Latin language.

## I. NOUNS DERIVED FROM VERBS.

Nouns of the e-declension are derived from consonantverbs.


Nouns of the $\mathbf{U}$-declension are derived from consonantverbs.

[^54]

Consonant-nouns are derived from consonant-verbs.

| ducere |  |  | - | $d u x$ |
| :---: | :---: | :---: | :---: | :---: |
| legeire |  | - | - | lex |
| pa-n-gere | . | - | - | $p a x$ |
| regere . | - |  | - | rex |

II. VERbS DERIVED FROM NOUNS.

Verbs in a are derived (a) from nouns in A.

(b) from nouns in I , in a causative sense.

| celebrare | . | . | celebris |
| :--- | :--- | :--- | :--- | :--- |
| ditare . | . | . | ditis |
| gravare | . | . | gravis |
| levare . | . | . | levis |

Here the 1 of the crude form coalesces with the a, as in funalis for funi-alis, navalis for navi-alis, \&c.
(c) from nouns in 0.
bellare . . . . bellum
donare . . . . donum
numerare . . . numerus
populare . . . . populus
probare . . . . probus
regnare . . . . regnum
sanare . . . . sanus

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Verbs in E and I sometimes appear as secondary or intransitive forms of verbs in 1 . These seem to be either inchoatives in -sco or compounds in -eo (root i). Thus we have durare, duresco; servare, servire; \&c.

Verbs in $U$, when this is really vocalised, are sometimes derived from nouns in $U$. Thus we have

| acuere . | . | acü |  |
| :--- | :--- | :--- | :--- |
| metuere . | . | . | metus |
| tribuere . | . | . | tribus |

This may be regarded as a singular case; for no contraction is possible in a derivative verb of this kind. A noun of the 1 -declension occasionally forms a verb in a without any absorption of the I ; thus we have ab-brevi-are from brevis, and al-levi-are, as well as levare, from levis.

## CHAPTER X.

CONSTITUTION AND PATHOLOGY OF THE LATIN LANGUAGE.


#### Abstract

§1. Genius of the Latin language. § 2. Abbreviations observable in the written forms. §3. Ancient testimonies to the difference between the spoken and the written language. §4. The poetry of the Augustan age does not represent the genuine Latin pronunciation ; §5. which is rather to be derived from an examination of the comic metres. §6. The French language is the best modern representative of the spoken Latin. § 7. The modern Italian not equally so ; and why. §8. Different dialects of the French language. $\$ 9$. But all these dialects were closely related to the Latin. § 10. Leading distinctions between the Roman and Romance idioms. § 11. Importance and value of the Latin language.


Every language may be considered as an organic body, possessing within itself a principle of vitality, but also capable of disintegration and decay. We may therefore, without straining the metaphor, speak of its constitution, or power of continuing in a healthy state; and also of its pathology, or of the symptoms of that disease to which it is by its very nature more peculiarly liable.

Accordingly, if it were necessary to describe in one sentence the genius and constitution of the Latin language, one could not do this better than by defining it as a language which is always yearning after contraction. Whether this tendency is indicated in the written remains by the usual processes of synizesis, assimilation, and apocope; whether it appears in the slurring-over of syllables by which the scansion of the comic metres is effected; or whether we perceive it in the systematic abbreviations which mark the transition from the Roman to the Romance lan-
guages, it is still one and the same, -it is the type of the language in its infancy, its maturity, and its decay.

The most distinct and vivid picture of the Latin language is, therefore, to be derived from a consideration of this peculiarity, as developed -
I. In the written language of ancient Rome.
II. In the spoken language of ancient Rome, so far as we can discern it in the remains of the comedians.
III. In the modern languages (and particularly in the French) which are derived from the Latin. forms.
I. With regard to the written forms in which the Latin language has been handed down to us, it would not, perhaps, be too large an assertion, if we said that every etymological difficulty arises more or less from this systematic abbreviation.

There are two ways in which this tendency manifests itself-in the loss of the termination, and in the coalition of syllables in the middle of the word.

When clipt or mutilated words are common in any language, the cause is to be sought in the strength and prominence of the single accent, which is generally thrown forward as far as possible, and in the impatience with which practical and busy men hurry through that part of their work which consists in talking. The rules of the Latin metrical system might have prepared us for something of the kind. It has been shewn in a former chapter (above, p. 174), that the triple recurrence of the ictus was the essential feature of the Saturnian verse, the thesis being observed or neglected at the pleasure of the composer. Similarly, the accentuated syllable of a word, or that on which the emphasis of pronunciation was allowed to fall, was supposed to represent the significance of the term, just as the weight of a body is considered to be collected at its centre of gravity; and the other syllables were

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quasillus, sacellum for sacraculum (comp. sakaraklím Herekleis =sacellum Herculis, in the Cippus Abellanus, l.11), solari for sublevari, sublimis for sublevimis (cf. $\mu \epsilon \tau \in ́ \omega \rho o s)$; subtilis, " fine-spun," for subtexilis (comp. subtemen, tela); summus for supremus, tandem for tamendem, trucido for tauricido, vanus for vacanus, velum for vexillum, \&c. This is particularly remarkable in the flexion-forms of nouns and verbs; and as we have seen above, the complete forms cannot be restored until we have made good the losses occasioned by this systematic abbreviation. In some cases this abbreviation will appear in a compound, though the full form is retained in the simple word. Thus, although the gen. cujus retains the original termination, this has been shortened into $\breve{\imath}$ in the compound: cuй-cŭ-modi for cujus-cujus-modi (Cic. ad Att. iii. 22).

The Romans, however, were not satisfied with getting rapidly through their simple words. The same principle was applied to the compounds: thus magis volo was written malo, non volo became nolo, postmurium was shortened into pomœrium, and so forth; and not only so, but we also find that in the case of quasi-compounds, made up of two or more words, which are not amalgamated by the loss of inflexions into one whole, some part of the termination of the first word is regularly omitted, and thus the group is subjected to the domination of a single accent. It may be sufficient to mention such words as audı̆n =audisne; Ecere, Ecastor, Epol = [per] adem Cereris, Castoris, s. Pollucis; ${ }^{1}$ ho'die $=h o c$ die, meridie $=m e d i a$ die, multimodis $=$ multis modis, nudiustertius = nunc dies tertius, omnimodis

[^55]$=$ omnibus modis, refert $=$ rei-fert, sis $=s i$ vis, sodes $=$ si audes, tectifractis =tectis fractis, vasargenteis $=$ vasibus argenteis, \&c. Then, again, we find a number of verbal juxtapositions, for we cannot term them compounds, belonging to the same class: such are pate-facio=paterefacio, sci-licet $=$ scire licet, vide-licet $=$ videre-licet, \&c. It has been shewn above, that many verbs in -do, -eo, -so, may be explained in the same manner; and that a similar analysis may be applied to the secondary tenses of every verb.

It is not necessary to pursue this part of the subject any further; for we can scarcely read a page of Latin without finding some proofs of the general rule. ${ }^{1}$
II. But although there is much abbreviation in the written forms of the Latin language, the orthography of the Romans expressed much more than their articulation. This is more conspicuous in proportion as we take a more polished and advanced period of the language. Before proceeding to demonstrate this from the metres of the comedians, it will be convenient to adduce some passages, in which the difference between the written and the spoken language of ancient Rome is expressly recognised.

When Cicero's Crassus (de Oratore, iii. 11, § 41) is speaking of the true mode of pronouncing Latin, he says: "I do not like the separate letters to be either pronounced with pedantic accuracy, or slurred over too carelessly." This shews that, though an uneducated countryman might

[^56]represent by his articulation too little of the written word, it would be a fault, on the other hand, if the scholar recollected too much of his spelling. Again, Suetonius, who had seen the chirograph of Augustus (Vit. Octaiv. c. 87), writes thus about his method of spelling (c. 88): "He did not strictly attend to orthography,- that is, the method and laws of writing as taught by the grammarians;-on the contrary, he seems rather to adopt the opinion of those who think that we should write just as we talk. For as to his often changing or omitting not letters only, but whole syllables, this is a common inaccuracy; nor would I remark the fact, did it not appear strange to me that he should have superseded a consular legate as being illite-. rate, because he saw in his handwriting ixi for ipsi." From this it is clear, that in the time of Augustus people did not pronounce as they wrote. Quintilian, too, expressly tells us (Inst. Orat. xi. 3, §33), that, " although it is necessary, on the one hand, to articulate every word, yet it is wearisome and disgusting to take account of every letter, and as it were to reckon them up: for not only is the crasis of vowels very common, but even some of the consonants are disguised when a vowel follows;" and then he quotes the examples of both ecthlipsis and synaloepha in Virgil's multum ille et terris. From these and other passages which might be quoted, we conclude that the written language of Rome could not be taken as a standard of even the most exact and careful pronunciation of educated men living in the city itself, whose mode of pronouncing was strikingly different from that of the provincials (Cicero, de Oratore, iii. 11, §43). Accordingly, the colloquialisms of the country people must have been still further removed from the written language of the day, and are less to be inferred from it.

The true way of considering the Latin language, if we

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All this leads to the inference, that the poetry of the Augustan age was recited with a pedantic accuracy at variance with the genius of the language; and as the German operasingers at the present day soften down their gutturals in order to accommodate their language to the flowing rhythm of Italian music, so the Romans, in the days of Horace and Virgil, were proud of their foreign fetters, and were glad to display the ascendancy which vanquished Greece had gained over the minds of her rude conquerors.

This refined and mincing pronunciation was, of course, less compatible with the colloquialisms of comedy than with the elegant stiffness of copied heroic or lyric poetry. Consequently, though the comedians borrowed their metres from the Greeks, they were content to pronounce the words as they were uttered by the common people; and as the busy talkers of the forum were wont to clip and contract their words, so the syllables usually omitted in speaking were not taken into account on the comic stage. When, therefore, we can recognise the law of the verse in a Latin comedy, but find that the syllables, as they stand written in many of the lines, are more numerous than is necessary for the feet of the verse, we may safely conclude that the superfluous syllables were omitted in the pronunciation of the actor; and if by him, a fortiori, that they were habitually slurred over by the majority of his audience. This opinion will be confirmed, if we discover, on further inquiry, that the syllables so dispensed
the practice of schools than by the well-known jingle of the Anti-Jacobin; but it is not to be borne that this ignorance should exalt itself to dogmatism. In the last number of the Classical Museum (p. 338, sqq.) there is an article in which we are told that the Sapphic verse, " recited with the true metrical quantity and the natural spoken accent," will read thus: Jáwm sattees | taérees \|nivis autque | deérae, \&c.; and that the following is a Sapphic of the same kind: che il gran sepolcro libero di Christol And this is delivered, not as a modest suggestion, but as a decree of oracular wisdom.
with are not found in the corresponding forms exhibited by the modern idioms which derive their origin from the language of ancient Rome.

The following instances, few out of many, may be sufficient to establish this. ${ }^{1}$ Let us first take some of the short imperatives, which are, by the nature of the case, especially liable to hurried pronunciation. As our look! has degenerated into lo!, and the Latin vide has become the Italian $v e^{\prime}$, and the French $v o i$ or $v^{\prime}$ (in $\left.v o i-c i, v^{\prime} l a\right)$; so in Terent. Adelph. ii. 2, 31, it is clear that we must pronounce the line:

Labáscit: un' hoc hábyo: vé’ si sát placet.
Here, also, we have Italian abbio. Similarly, as Cicero tells us, ${ }^{2}$ that cave ne eas was pronounced cauneas, we see that the following line (Phormio, v. 1, 37) must be pronounced:

Sed pér deós atqu' hómmes, m'am éss' hanc, cáu rescíscat quisquam.
This line also furnishes the French abbreviation hommes; and the form mus for meus, which, with its analogies, is reproduced in the French, Italian, and Spanish. The Troubadours wrote mos, ma, mon, for meus, mea, meum; and Ennius has sas for suas. The same sort of contraction has taken place in the Greek possessives: see New Crat. p. 164.

Then, again, as the French say tai, it is clear that tace is a single long syllable in the following line (Adelph. ii. 4, 16):

At ut ómne réldat-ómne réddet-taì-mod', ác suire hác-sequor.
Which line also furnishes us with the imperative suire for

[^57]sequere, if we may in this case also follow the French analogy. In general there seems to have been a tendency towards softening down the guttural into its ultimate form, the vowel $i$. This has obviously taken place in faire and oil, derived from facere and oculus; and not only is the imperative tace a monosyllable, but also its indicative tacet, as in the following line (Adelph. iv. 5, 5):

Tait: cúr non lúd' hunc ál'quantísper mélyus est.
Where for al'quantisper compare Italian alcuno, and the French aucun, from aliquis unus. It can scarcely be doubted that Adelphi, iii. 2, 20, was pronounced as follows:

```
    'Ad'lescént' ips' érip'r' wélos: pósthac praécip'tém darém;
```

and that in iii. 2, 37, lacrymas is a dissyllable after the analogy of larme, and of serment from sacramentum. Similarly, in Heaut. v. 5, 16, quoted below, as the ictus falls on facile, we may conclude that it was pronounced as a single long syllable. Festus tells us that there was a form facul, and facile appears as a mere anacrusis in the Scipio epitaph (c. 5); above, Ch. VI. § 20. Perhaps the most singular instance of this omission of the guttural is furnished by the French faible from flexibilis; for in this there is a double collapse.

The imperatives $a b i$, redi, are monosyllables with the omission of the unnecessary $b$ and $d$ (Adelph. ii. 1, 13, and 36), and jube throws off its $b$ (Adelph. v. 6, 1), as it does in the perfect, \&c.

The phrase bono animo es is shortened for the same reason as the other imperatives. In Plautus (Rudens, iii. 3,17 ) it forms a cretic :
'O salútis meaé spés tac' ác bón-ame és.
We observe the same sort of abbreviation in a number of nouns of common occurrence; such, for instance, as express the nearest degrees of family relationship. The com-

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20). The following reasons have been adduced to prove that it was so in general. (1) The analogy of item, shortened from itidem, will support the pronunciation of qu'em for quidem. (2) As it is an enclitic, and is regularly attached to certain words, in the same way as $\pi \epsilon \rho, \gamma \epsilon, \& c$. in Greek, it seems reasonable to suppose that it would be peculiarly liable to curtailment. Now, if we retain the full form of quidem with some of these words, we alter their quantity, and so sacrifice the principal word in order to preserve a mere appendage. Thus, ego-quidem, or egquidem, is marked $\check{e} q u \check{d} d e m$ in books on Latin prosody, and siquidem, quandoquidem, are marked sйquйdem, quandŏquйdem, although the true quantity of the separate words is $s \bar{u}, q u a n d \bar{o}$; and though in other compounds-quandōque, quandōcunque - this quantity is invariably retained. It follows, therefore, that quandoquidem must have been pronounced quandōqu'em; siquidem, sīqu'em; and equidem, équ'em; just as me quidem must be scanned mè qu'em in Pers. i. 10 :

Littera: per me quidem sint omnia protinus alba.
In the same way it is manifest that modo must often have been a monosyllable: see e.g. Ter. Andr. ii. 1, 2, and ii. 4, 6. In the languages derived from the Latin the compound quomodo is represented by como Sp., come It., and comme Fr.; in which the $d$ is omitted, and, in the last, as in the old French cum (below, §9), the syllable is dropt altogether.
III. We may now pass, by a natural transition, to our third source of information respecting the constitution of the Latin language - that which exhibits it pathologically, or in its state of disorganisation or decay.

It will not be expected that I should here shew at length how the Romance languages were formed from the Latin. It will be sufficient to point out some of the
reasons for believing that the French language is a better living representative of the pronunciation of the ancient Italians than the language which is now spoken in the peninsula itself; and, in conclusion, to state briefly what was the process of the disintegration, and in what degree the modern differed from the ancient form.

As the Romans successively conquered the different nations which formed the population of Italy, they gradually included within the limits of a single empire a number of different tribes, who spoke idioms, or dialects, differing but little from the language of the Romans themselves. It is not, therefore, surprising that a gradual amalgamation should have taken place, and that every Italian should have spoken, with only slight variations of accent, one and the same Latin language. The language of Rome itself-the language of government, of literature, and of law - would, of course, be independent of these minor differences. Every educated man and every public functionary would refer to this unvarying standard, and would speak or write, in some cases with pedantic accuracy, the language of the senate-house and the forum. Accordingly, the inhabitants of the provinces, i.e. the foreign subjects of the Empire, would hear nothing but pure Roman Latin; and, if they learned the language of their rulers at all, they would at least learn it in the best form. Their position in this respect differed materially from that of colonists, even in ancient times. The colonists of our day, and especially the English emigrants, present a natural contrast to the case of the Roman provincials. For, while the colonists who sailed from Corinth or Athens were of all classes - oi $\tau v \chi o ́ \nu \tau \epsilon s$-our modern colonists are generally those who are either not able to live at home, or, at all events, who practise trades inconsistent with a high amount of educational polish. We find, therefore, that colonial English represents only the vulgar colloquial
language of the mother-country; whereas the Roman provincials spoke a language derived -imperfectly, it might be, but still derived - from the polished and elegant diction of proconsuls, jurisconsults, and publicani.

The Gauls, in particular, were remarkable for their tendency to assimilate themselves, in their language and usages, to the Romans. In an inconceivably short space of time the province of Gallia was completely Romanised. ${ }^{1}$ Their own language was out of the pale of civilisation: in fact, they had no mother-tongue to struggle for. A language is only dear to us when we know its capabilities, and when it is hallowed by a thousand connexions with our civilisation, our literature, and our comforts. So long as it merely lisps the inarticulate utterances of half-educated men, it has no hold upon the hearts of those who speak it, and it is readily neglected or thrown aside in favour of the more cultivated idiom, which, while it finds names for luxuries of civilisation before unknown, also opens a communication with those who appear as the heralds of moral and intellectual regeneration. The Greeks and the Jews had good reasons for loving the language of their ancestors, and could never be induced to forget or relinquish the flowing rhythms of their poets or the noble energy of their prose writers. The case was not so with the provincials of Gaul. Without any anterior predilections, and with a mobility of character which still distinguishes their modern representatives, they speedily adopted the manners and the words of the Romans; and it is probable that in the time of the Empire there was no more difference between the gramma-

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Still, however, a purity of Tuscan phraseology is essential to literary correctness; and whatever a man's native accent may be, he must accommodate it to this court-language. It follows, therefore, that the pronunciation of modern Italian must be syllabic. In other words, it must be more akin to the studied accuracy with which the Romans of the Augustan age pronounced their Græcised poetry, than to the natural articulation of the ancient Italians. It has been truly said, that the Italian language cannot be pronounced both well and quickly. This is only another expression of the fact, that a literary language, which is not natural, can only be articulated syllabically. The qualification of lingua Toscana in bocca Romana is another illustration of the same fact; for here we have a recognition of the truth, that the modern Italian is a written language to be pronounced according to its syllables, and that of the accents, in which it can be pronounced, the best and sweetest is that of a well-educated inhabitant of the pontifical metropolis.

Very different was the case of the Gauls. After living for several hundred years under the dominion and influence of the Romans, and having lost their Celtic language and in a great measure their Celtic character, they were invaded and partially conquered by a confederation of German warriors, who called themselves Franks, a name indicating their bold and martial character. ${ }^{1}$ The domination
queis Musa dedit ore rotundo loqui. Adderem Florentinos nisi ex imo gatture pronuntiantes originem adhuc ostenderent Pboeniciam."
' It has usually been supposed that the word Frank denotes "free-man," so that "French" and " Latin" would, when referred to their etymology, appear as synonymous terms. This is not, however, the original meaning of the word Frank; though, in a secondary sense, the word has horne this signification. In the Teutonic languages, to which it belongs, the word fra-n-k, or frak, is equivalent to ferox, and signifies " bold," " warlike," " intrepid" (see Thierry, Leltres sur l'Histoire de France, Lettr. vi. p. 436, Bruxelles
of these rude conquerors did not destroy the Roman texture of the language which was spoken by the inhabitants of Gaul. At first both the conquerors and the conquered retained their own idioms; and the lingua Francisca, or Francica, of the German invaders flourished by the side of the lingua Gallica, or Gallicana, of the conquered provincials. In time, however, as there was much more literary culture among the latter, and as the priests and scholars of the age were all furnished by the district in which the Franks had settled, the standard of diction would be sought in the language of the more educated class, and the Roman language, more or less corrupted, would gradually become the medium of communication between the conquerors and the conquered.

As might have been expected, this gradual adoption of the Roman language by the Teutonic invaders gave rise to a number of dialects. Of these the most refined and polished was that which was spoken by the inhabitants of the south-eastern district of France. Many causes conspired to give this idiom an earlier development. The south-eastern provincials were more completely Romanised in the first instance; ${ }^{1}$ they were less subjected to foreign invasion than the other inhabitants of France; the Burgundians and Visigoths, who settled among them, were more adapted to social life than their German brethren, and more readily assimilated their language and customs
ed.). Ethnical names, in addition to their primitive meaning, are often used as expressive of certain qualities, whether the use is complimentary or not. Assassin, Gascon, Vandal, and Goth, are attributive words in our own language; the word Slave has been derived from the low estate of the Sclavonians; and even in ancient times, Ká, K $\rho \not ̣ s, ~ \Pi a \phi \lambda \alpha ́ \gamma \omega \nu, ~ M \nu \sigma b s, ~ \Sigma \nu \beta a \rho i ́ \tau \eta s$, ミкúv $\begin{aligned} & \text { s, \&c., were terms significant of qualities. The German confederacy of }\end{aligned}$ the Franks seems to have corresponded to that of the Iscovones; those of the Saxons and Thuringians to the Ingrevones and Herminones respectively.
${ }^{1}$ It is right, perhaps, to say, that Marseilles in particular was rather Græcised than Romanised : see Cic. pro Flacco, 26, § 36.
to those of their subjects; and when at length Provence became a part of the Frankish dominions, their conquerors were no longer unruly German barbarians, but the civilised and Romanised subjects of a regular monarchy. The happy climate of Provence, and the wealth and commerce of the people, contributed to foster and encourage those arts which can only flourish in a genial soil; and we are not to wonder if the provincials outstript the northern Gauls in intellectual tastes as well as in physical comforts.

The connexion between Provence and Catalonia tended to increase the civilisation of the latter. But, in reference to the present object, to discover a Romance language which shall most accurately represent the spoken language of the Romans, we may safely dismiss the Spaniards; whose language, already corrupted by the invasions of the Suevians and Visigoths, has been still further disorganised by the pervading and durable influence of the highly civilised Arabians.

The people of Provence were keenly sensible of the difference between their own language and that of their Franco-Gallic rulers. The names by which they distinguished their own country and that of the French referred to the differences of the idioms spoken in them. It is singular that this difference should have been expressed in terms of the affirmative particle, which they had respectively adopted. Drawing a line through Dauphiné, Lyonnais, Auvergne, Limousin, Perigord, and Saintonge, the country to the south of this was called Langue d'oc, the district to the north of the line was termed Langue d'oyl. Now, although the differences between the Langue d'oc and the Langue d'oyl consisted mainly in the greater or less development of the Latin element in each, it is to be remembered that these affirmative particles are both due to their Teutonic affinities. ${ }^{1}$ And here is the inconsist-

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Deu amor et pro Christian pohlo et nostro commun salvament, dist di en avant, in quant Deus savir et podir me dunat, si salvarai io cist meon fradre $\mathbf{K}$ arle, et in adjuda et in cadhuna cosa, si cum on per dreit son fradre salvar dist, in o quid il mi altresi fazet: et ab Ludher nul plaid numquam prindrai, qui, meon vol, cist meon fradre $\mathbf{K}$ arle, in damno sit." It appears from the context of the history, that the oath was couched in this language in order that it might be understood by the French subjects of Karl, le Chauve. It was, therefore, the common language of the country; and as it is free from Germanisms, and exhibits only those corruptions of the Latin for which it is easy to account, it furnishes us with a distinct confirmation of the opinion, that we ought to seek in the language of France for the best modern representative of the language of ancient Italy.

The difference between the modern Italian, considered as the offspring of the new Tuscan literature, and the old French, regarded as a scion of the Roman language which was spoken in the province of Gaul, consists in the fact to which I have already adverted-namely, that the former would reproduce the mincing and pedantic pronunciation of the literary Romans, while the latter would retain the genuine colloquial utterance of the free colonists of the empire. It is worthy of observation that the French language itself enables us to illustrate this difference. If we examine the French language as it is, we shall often find double forms of derivatives from the Latin. Now, in every one of these cases it is remarkable that the older word-that which belongs to the oldest and most genuine vocabulary-differs most from the written form or syllabic pronunciation of the Latin original. Thus, chez, chose, hótel, naif, Noel, pitié, pousser, from casa, causa, hospes, nativus, natalis, pietas, expulsare, are older forms than case, cause, hópital, native, natal, piété, expulser. (See
A. W. Schlegel, Observations sur la Langue et la Littérature Prov. p. 44.) The fact is, that the latter were derived from the written, the former from the spoken language.

The manner in which the transition from the Latin language to the French may be supposed to have taken place is well known, and very easily described. In this place we must be contented with a few brief remarks; for it would be an idle attempt to discuss as a secondary matter the details of a subject which admits of such ample illustration, and which has already been treated at great length, though with various degrees of success, by Diez, Raynouard, Schlegel, Ampère, Fuchs, and Lewis.

The tendency of the spoken Latin language to clip and mutilate itself began at an early period to militate against the regularity of the grammatical forms. With regard to the verbs, it has been shewn above that the organic inflexions had been in a great measure superseded by secondary or compound tenses before the commencement of the classical age; and that the person-endings are obliterated, or deformed by inconsistencies, in the oldest specimens of the written language. In regard to the verbs, then, the change from the Roman to the Romance is merely a further development of that which was already in operation. The Roman case-system was in itself more complete than the conjugation of the verb; and therefore we may expect to find greater changes in the French noun as compared with the Latin. In general it may be remarked, that when the tendency to abbreviation has commenced its action on the flexional forms of a language, certain devices are at once adopted for the purpose of preventing any syntactical obscurity. Indeed, the logical or syntactical development of a language is generally benefited by the change; and where the etymological organisation becomes imper-
fect, the literary capabilities of the particular idiom are extended and confirmed.

There is good reason for believing, that in the spoken language of the ancient Italians the difference between the subjective and objective cases of the noun was at an early period neglected or overlooked (see Lepsius, ad Inscript. p. 120). At any rate, it is clear that this was the first step towards the breaking up of the Roman case-system. The accusative case was substituted for the nominative, and all the subordinate relations were expressed by prefixing prepositions to this new crude form of the noun. We observe a tendency of the same kind in vulgar English; and perhaps this passage from the subject to the object may be explained on general principles, without any reference to the want of grammatical education on the part of those in whom it is most observable. Connected with this employment of prepositions to give definiteness to the crude forms of nouns, is the use of the old Roman demonstratives ille and ipse to mark a definite object, as contrasted with unus and aliquis-unus, which denote indifference. This is, of course, identical with the use of the definitive article in the Greek and other languages; and the Romance languages owe much of their acknowledged perspicuity to this adaptation. It is true that the artifice is not applied with the logical subtilty by which the employment of the Greek article is distinguished; but any deficiency in this respect is amply compensated by the strictly logical order of the sentences in which the words are arranged.

It is not necessary in this place to say much on the subject of the Romance verb. Where the tenses have preserved the forms of the Latin verb, we observe a systematic abbreviation. Labials are absorbed, according to the practice so remarkable in Latin; final syllables are dropt, and the accent is thrown forward. Generally, how-

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and speaking creature, should, in different parts of the world, express his thoughts in different languages. If there is one idiom which seems both worthy and likely to include within it the articulate utterances of all the world, it is our own,-for we, too, " are sprung of earth's first blood," and the sun never sets upon our Saxondom. Still we ought not to neglect or discourage the study of the old Roman language : though it will never again become the spoken language of Europe, there is no reason why it should not resume its place as the organ of literary communication,-why, with its powers of conciseness and abbreviation, and with its appropriation of all the conventional terms of science and art, it should not still flow from the pens of those who have truths and facts to communicate, and who are not careful to invest or disguise them in the embellishments of some modern and fashionable style. This at least is certain, that the Latin language has struck its roots so deeply and so permanently in our own language, that we cannot extirpate it, even if we would; for we must know Latin, if we would thoroughly understand our own mother-tongue ; and those who are least learned, and most disposed to undervalue classical attainments, are most of all liable to further what others would call the corruption of our language, by the introduction of new terms formed after a Latin model.

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## THE END.


[^0]:    ${ }^{1}$ See Niebuhr, i. 69, note. Buttmann, Lexilogus, i. p. 68, note 1 (p. 154, Fishlake).

[^1]:    ${ }^{1}$ Quoted by Dionys. i. 14, p. 40 ; ii. 49, p. 338. Reiske.
    ${ }^{2}$ Hist. Rome, i. p. $103 . \quad{ }^{3}$ Apud Dionys. ii. 49, p. 337.
    ${ }^{4}$ Servius ad Virg. AEn. iii. $235 . \quad{ }^{5}$ Niebuhr, ubi supra.
    ${ }^{6}$ That this Sancus was an Umbrian deity is clear from the Eugubine

[^2]:    
     $\mu \in ́ v o \nu$. The word $\tau \in \rho a \nu \nu o s ~ c o n t a i n s ~ t h e ~ s a m e ~ r o o t: ~ c o m p . ~ к о i ́ p a \nu o s ~ w i t h ~ \kappa \alpha ́ \rho a, ~$ and the other analogies pointed out in the New Cratylus, p. 415, sqq.
    ${ }^{2}$ Liv. xxxiv. 25: "Utrasque arces, nam duas habent Argi."
    ${ }^{3}$ According to Theophrastus (apud Plin. vii. 57), the inhabitants of Tiryns were the inventors of the $\tau \dot{v} \rho \sigma \epsilon \epsilon s$. As early as Homer's time the town was called $\tau \in \iota \downarrow \iota 6 \in \sigma \sigma a$ (Il. ii. 559), and its walls are described by Euripides (Electr. 1158. Iph. in Aul. 152, 1501. Troad. 1088) as кик $\lambda$ ánteıa oùpdvia teí $\chi \eta$. The mythological personage Tiryns is called "the son of Argos" (Paus. ii. 25), who, according to Steph. Byz., derived his origin from Pelasgus, who civilised Arcadia (Pausan. viii. 1), and was the father of Larissa (id. vii. 17), and grandfather of Thessalus (Dionys. i. 17).

    - It was built by Thyraus, the grandson of Pelasgas (Paus. viii. 3).

[^3]:    ${ }^{1}$ Plin. H. N. iv. 18: " Oppidum quondam Diomedis equorum stabulis dirum."

    2 Anton. Itin.
    ${ }^{3}$ Muller, Etrusker, i. p. 291. Auson. Ep. 24, 88.
    ${ }^{4}$ Lepsius suggests also, that the Turres on the coast near Cære and Alsium may have been a Roman translation of the name T $\boldsymbol{T} \dot{\rho} \rho \bar{\rho} \epsilon \mathrm{c}$.
    
    ${ }^{6}$ i. 57 . The following is the substance of what Herodotus has told us

[^4]:    ${ }^{1}$ Saggio, i. p. 189.
    2 Ancient Italy, i. p. 161. It is not a little surprising that this conjecture should have been either unknown to Niebuhr and Muller, or unheeded by them.
    

[^5]:    ${ }^{1}$ Varro, L.L. v § 46.
    ${ }^{9}$ Festus, p. 213, Müller : " Pectuscum Palati dicta est ea regio Urbis, quam Romulus obversam posuit, ea parte in qua plurimum erat agri Romani ad mare versus et qua mollissime adibatur urbs, cum Etruscorum agrum a Romano Tiberis discluderet, ceteræ vicinæ civitates colles aliquos haberent oppositos."
    ${ }^{3}$ See Niebuhr, i. p. 296 ; iii. p. 350.
    4 Niebuhr, i. p. 375, note 922 ; and Kleine Schriften, ii. p. 26, sqq.
    ${ }^{5}$ See the celebrated Lugdunensian Table, Lipsius, Excurs. ad Tac. Ann. xi. 24. Müller (Etrusker, i. 118-123) ingeniously conjectures that the reigns of the Tarquins mythically represent the predominance of the city Tarquinii, which was for a time interfered with by Mastarna, the representative of the rival city Volsinii. Tarquinii, however, for a while resumed her influence; but at last was obliged to succumb, like the other Tuscan cities, to Clusium.

[^6]:    ${ }^{1}$ See, for instance, Livy, i. 30, where both Tullius and Servilius (Niebuhr, i. note 920) are mentioned as Latin family names.
    ${ }^{2}$ Niebuhr, i. p. 373.
    ${ }^{3}$ Cramer's Italy, ii. p. 150.
    ${ }^{4}$ There are many traces of the connexion of the Roman Tuscans with the Greeks. The first Tarquin himself is represented as half a Greek; and Macaulay has pointed out very clearly the Greek features of the second Tarquinian legend (Lays of Ancient Rome, p. 80). The equestrian games of the Tarquins, and their reverence for the Delphic oracle, also imply frequent intercourse with Greece, of which we read still more distinctly in the case of Pyrgi, the renowncd port of Agylla, or Cære, another Etruscan town, which, like Tarquinii, was intimately connected with Rome.

[^7]:    ${ }^{1}$ Salmasius de Hellenistica, p. 342.
    ${ }^{2}$ De Dialect. Macedon. p. 9.
    ${ }^{3}$ Opusc. ii. p. 174: " $\pi$ ध́ $\lambda \alpha \gamma o s$ enim, a verbo $\pi \in \lambda \alpha \oint \epsilon \iota \nu$ dictum, ut ab Latinis Venilia, mare notat ; a qua origine etiam $\pi \epsilon \lambda a \sigma \gamma o l$, advence."
    ${ }^{4}$ Hellenische Alterthumsk. i. p. 29, Trans. p. 39. He also, half in jest, refers to $\pi \lambda \alpha \zeta_{\epsilon} \omega$, " to lead astray," p. 36 .
     der Bewohnung) und apros." Orchom. p. 125.
    ${ }^{6}$ Strabo, v. p. 221 ; viii. p. 397.
     Magn.
    ${ }^{8}$ Philol. Mus. i. p. 615.
    ${ }^{9}$ Lexilogus, i. p. 68, note 1.

[^8]:    ${ }^{1}$ N. Crat. p. 80, sqq.

[^9]:    ${ }^{1}$ Kleine Schriften, i. p. $361 . \quad{ }^{2}$ Hest. i. 79.

[^10]:    ${ }^{1}$ See Niebuhr, Kleine Schriften, ii. p. 200 (über das AEgyptischGriechische).
    ${ }^{2}$ N. Crat. pp. 314, 317.

[^11]:    ${ }^{1}$ Coleridge has, with much poetical truth, designated a cataract as " the son of the rock" (Poems, vol. ii. p. 131).
    ${ }^{2}$ The identification of the Ingul-etz with the Pan-ticapes depends upon the position of the Hylæa, or "woiodland" district, which must have been on the right bank of the Borysthenes, for the other side of the river is both woodless and waterless (see Lindner, p. 40, sqq.). The name Ingul is borne by another river, which may be identified with the Hypa-caris.

[^12]:    ${ }^{1}$ See Winning's Manual, p. 124, sqq. Rask über das Alter und die Echtheit der Zend-Sprache, p. 69, sqq., Hagen's Tr. And, for the affinity of the inhabitants of Northern Asia in particular, see Prichard on the Ethnography of High Asia (Journal of R. G. S. ix. 2, p. 192, sqq.).

[^13]:    ${ }^{1}$ See Pott, Et. Forsch. i. p. xxxiii.

[^14]:    ${ }^{1}$ By a singular change, the name of the kindred Sclavonians, which in the oldest remains of the language signifies "celebrated," "illustrious" (from çlava, "glory," root cclu, Sanscr. sru, Gr. $\kappa \lambda \nu-: ~ s e e ~ ' S a f a r i k ~ a n d ~$ Palacky's Altest. Denkm. der Böhm. Spr. pp. 63, 140), has furnished the modern designation of "a slave," esclave, schiavo. The Bulgarians, whom Gıbbon classes with the Sclavonians (vii. p. 279, ed. Milman), have been still more unfortunate in the secondary application of their name (Gibbon, $x$. p. 177).

[^15]:    ${ }^{1}$ As general designations, the names Sarmatian and Sclavonian are co-extensive, and include the Scythians as well as the Sauromatæ. In speaking, however, of the Scythians of Herodotus, we are obliged to take the name Sauromatce in a somewhat narrower sense. It is true that some confusion may be created by this change in the application of ethnical names; for we must also limit the name Sclavonian, if we wish to oppose it to the term Lithuanian. But these difficulties will always beset the terminology of the ethnographer, who has to deal with names as vague and fleeting as the traditions with which they are connected.

[^16]:    ${ }^{1}$ N. Crat. p. 98, sqq.

[^17]:    ${ }^{1}$ Rudimenta Lingua Umbrica, Particulæ viii. Hannov. 1835-1839.
    ${ }^{2}$ Bettrage zur Deutung der Eugubinischen Tafeln, in the Rhein. Mus. for 1833,4 . Of earlier interpretations it is scarcely necessary to speak. It may, however, amuse the reader to know that the recent attempt of a worthy herald, in the sister island, to prove that pure Irish was spoken by the ancient Umbrians and Tuscans, has its parallel in a book published at Ypres in 1614, by Adriaen Schrieck, who finds the ancient language of his own country in the seventh Eugubine Table! (Van't Beghin der eerster Volcken van Europen, t'Ypie, 1614.) The Irish book, however, is the more elaborately ridiculous of the two : indeed, it is the most wonderful discovery of the óvou $\pi \delta \kappa \epsilon s$ which is known to the writer of these pages.

[^18]:    ${ }^{1}$ According to Pott and Lepsius this imperative stands for fito $=$ fiat.

[^19]:    ${ }^{1}$ Lucmo in v. 29 is an accurate transcription of the Etruscan Lauchme.

[^20]:    ${ }^{1}$ Liv. x. 20 : " gnaros linguce Osca exploratum mittit."
    2 Festus, s. v. bilingues, p. 35: " bilingues Bruttates Ennius dixit, quod Brutti et Osce et Græce loqui soliti sint."
    ${ }^{3}$ L. L. vii. § 3, p. 130, Müller. Varro was born at Reate (see p. 301 of Müller's edition), and therefore, perhaps, attached peculiar importance to the provincialisms of the ager Sabinus.

[^21]:    ${ }^{1}$ In the second transcription I have substituted $k$ for $c$, for the reasons given by Lepsius (ad Incr. p. 150).

[^22]:    ${ }^{1}$ N. Crat. p. 111. The word el-em-en-tum, according to the etymology which has received the sanction of Heindorf (ad Hor. i. Sat. i. 26), would furnish an additional confirmation of these views. But this etymology cannot be admitted; and the word must be considered as containing the root ol. (in olere, adolescens, indoles, 'sololes, proles, \&c.), so that ele-mentum $=$ olementum. See Benary in the Berl. Juhrb. for August 1841, p. 240.

[^23]:    ${ }^{1}$ N. Crat. pp. 130, 181.
    2 The crude form of $\tau t s$ is $\tau t-\nu-(\tau t-\nu \delta s, \& c$.) ; in other words, it is a com. pound of two pronominal elements, like $\epsilon \mathfrak{i} s(=\tilde{\epsilon} \nu-s), \kappa \in \hat{i}-\nu o s, \tau \hat{\eta}-\nu o s, \dot{\alpha}-\nu \alpha ́$, $e$-nim, $\vec{e}-n a, \& c$. Lobeck asserts (Paralipom. p. 121, note) that the $\nu$ in $\tau t-\nu-6 s$ is repugnant to all analogy, the literce clitica of the Greeks being dentals only, - as if $\nu$ were not a dental! The absurdity of Lobeck's remarks here, and in many other passages of his later writings, will serve to shew how necessary it is that an etymologer should be acquainted with the principles of comparative philology. There are some observations on this subject in the N. Crat. p. 38, which more particularly refer to Lobeck (Aglaopham. p. 478, note i.), and to a very inferior man, his pupil Ellendt (Lex. Sophocl. præfat. p. iii.). From what Lobeck said in his Paralipomena (p. 126, note), one felt disposed to hope that his old-fashioned prejudices were beginning to yield to conviction. In his new work, however (Pathologia, præf. p. vii. sqq.), he reappears in his original character. The caution on which he plumes himself (" ego quoque sæpe vel invitus et ingratis eo adactus sum ut vocabulorum

[^24]:    origines abditas conjectura quærerem, cautior fortasse Cratylis nostris, quorum curiositati nihil clausum, nihul impervium est,") is only another name for one-sided obstinacy; and whatever value we may set upon Lobeck's actual performances in his own field, we cannot concede to him the right of confining all other scholars to the narrow limits of his Hemsterbusian philology.
    ${ }^{1}$ See below, Ch. VII. § 6.
    ${ }^{2}$ The Glossar. Labbæi has Summanus, Прон $\eta \in \epsilon$ ús; and perhaps Prometheus, as the stealer of fire from heaven, may have been identified with the god of nightly thunders in some forms of mythology. At Colonus, where the infernal deities were especially worshipped, the $\tau \iota \tau \grave{a} \nu ~ П \rho о \mu \eta \theta \epsilon u ́ s, \delta \pi \nu \rho \phi \delta \rho o s$ $\theta \in \delta s$, was reckoned among them ( ©Ed. Col. 55).

[^25]:    1 Varro seems to connect the word Manius with mane, "morning" (L. L. ix. §60).
    ${ }^{2}$ See N. Crat. p. 364. Another personage of the same kind is 「 $\Gamma$ piv $\omega$, " the caller." As Charon is attended by the three-headed $\kappa \kappa \rho \rho \in \rho \sigma s$, so the three-bodied Geryon has a two-headed dog, ${ }^{\text {'OpApos, who is brother to Cer- }}$ berus (Hesiod. Theog. 308, sqq.); that is, " the morning" (ó $\rho \theta \rho o s$ ) is brother to " the darkness" ( $\kappa \epsilon \in \rho \beta \in \rho o s:$ vide Schol. Od. A, 14, and Porson ad l.; К ${ }^{\prime} \mu$ $\mu \in \rho o s^{\prime}$ à $\chi \lambda$ ús, Hesych. ; and Lobeck, Paralipom. p. 32). By a similar identity, Geryon lives in the distant west, in Erythia, the land of darkness, just as Charon is placed in Hades; and these two beings, with their respective dogs, both figure in the mythology of Hercules, who appears as the enemy of Pluto, and of his type, Eurystheus. It may be remarked, too, that Pluto is described as an owner of flocks and herds, which is the chief feature in the representations of Geryon.

[^26]:    ${ }^{1}$ The following are some of the most obvious appearances of this root: Sanscrit, las, " to wish;" Latin, lar-gus; Greek, $\lambda a \mu\{a, \lambda d-\mu 0 s, \lambda \alpha ́ \rho v \gamma \xi$, лаїт $\mu \alpha, \& c . \Lambda \hat{\eta} \mu \nu o s, \Lambda \eta \tau \omega$.

[^27]:    ${ }^{1}$ See New Cratylus, p. 550. To the instances there cited the following
     (corv-us, Sanscr. kârav-), i.e. "a cawing bird." (c) Boûs, Sanscr. gaus, " the bellowing or lowing animal:" comp. Boá $\omega$ with yoda, and the latter with the Hebrew int and the Latin ceva, which, according to Columella (vi. 24), was the name of the cow at Altinum on the Adriatic. (d) $\chi \eta{ }^{\eta} \nu$, " the goose," i.e. " the gaping bird" ( $\chi \grave{\eta \nu} \boldsymbol{\kappa} \boldsymbol{\kappa} \chi \eta \nu \omega \dot{\prime}$, Athen. p. 519 A).

[^28]:    ${ }^{1}$ Lepsius (die Tyrrh. Felasger, p. 28) considers Coere an Umbrian and not a Pelasgian word, -re being a common ending of the names of Umbrian towns; thus we have Tute-re on coins for Tuder. The original name was perhaps Kaiere, which contains a root expressive of antiquity and nobility.
    ${ }^{2}$ As no one, however, has attempted to explain this interesting fragment

[^29]:    ${ }^{1}$ Niebuhr thinks (Kleine Schriften, ii. p. 43) that Tanaquil is only a diminutive of Thana. With this opinion I cannot agree. There is much more truth in the conjecture of Passeri, which he quotes, that Thana is a title of honour, nearly equivalent in meaning, though of course not in origin, to the modern Italian Donna.

[^30]:    ${ }^{1}$ Among many instances of the possibility at least of such a transition, not the least interesting is the derivation of Populonia from Phupluns, the Etruscan Bacchus; so that this city, the Etruscan name of which was Popluna, is the Dionysopolis of Etruria (see Gerhard in the Rhein. Mus. for 1833, p. 135). Now it is clear that as Nethuns = Nethu-nus is the god of nethu, so Phupluns = Poplu-nus is the god of poplu. It seems that the ancients planted the poplar chiefly on account of their vines, and the poplar was sacred to Hercules, who has so many points of contact with Bacchus. Have we not, then, in the word phupluns the root of pôpulus, a word quite inexplicable from the Latin language alone? A sort of young, effeminate Hercules, who appears on the coins of Populonia (see Muiller, Etrusk. i. p. 331), is probably this Poplunus. The difference in the quantity of the first syllables of Pôpulus and Porpulonia is not surprising, as the latter is an exotic proper name, and the former a naturalised common term.

[^31]:    ${ }^{1}$ See Macaulay, Lays of Ancient Rome, p. 15, sqq.

[^32]:    ${ }^{1}$ Horace, too, alludes to the difficulty of the Salian songs (ii. Epist. i. 86): Jam saliare Numæ carmen qui laudat, et illud, Quod mecum ignorat, solus vult scire videri, \&c.

[^33]:    ${ }^{1}$ The student will find a general sketch of the old Roman law in Arnold's Rome, i. p. 256, sqq.

[^34]:    ${ }^{1}$ Visconti supposed that this inscription was not older than the Marsian war; but there can be little doubt that Niebuhr's view is correct: see Beschreibung der Stadt Rom, iii. pp. 125, 659.
    ${ }^{2}$ Niebuhr prefers L. .

[^35]:    ${ }^{1}$ See Arnold, History of Rome, ii. p. 326.
    ${ }^{2}$ Bunsen, 1.1.: "In return for the delivery of his fleet in a storm off Corsica he built the temple of which Ovid speaks (Fast. iv. 193) :

    > Te quoque, Tempestas, meritam delubra fatemur, Quum pene est Corsis diruta classis aquis."

[^36]:    ${ }^{1}$ Bunsen, 1. 1.: "Cicero bears testimony to the truth of these noble words in his Cato Maj.§11: Quam fuit imbecillus Africani filius, is qui te adoptavit? Quam tenui aut nulla potius valetudine? Quod ni ita fuisset, altera ille exstitisset lumen civitatis; ad paternam enim magnitudinem animi doctrina uberior accesserat."

[^37]:    ${ }^{1}$ Livy's transcript of the inscription of T. Quinctius is confessedly imperfect; the historian says: " his ferme incisa litteris fuit" (vi. 29).
    ${ }^{2}$ To this necessity for a triple recurrence of the ictus in the genuine Italian metre I would refer the word tripudium = triplex pulsatio. Pudio meant " to strike with the foot," " to spurn" (comp. re-pudio).

[^38]:    ${ }^{1}$ It is scarcely necessary to point out the absurdity of the derivation proposed by A. Grotefend (Ausf. Gramm. d. Lat. Spr. § 124): "duntaxat aus dum taceo (cetera) sat (est hoc)!"'

[^39]:    ${ }^{1}$ facillime. $\quad 2=$ potis-sit $=$ possit. $\quad 3=$ tabellce.
    
    

[^40]:    ${ }^{1}$ In the same way as $\mathbf{F}$ seems to represent $\phi$ in the instances cited above, v also appears as a substitute both for $\phi$ and $\pi$. Compare valyus, vallus, veru, virgo, and vitricus, with фо入к $\delta s$, palus, $\pi \epsilon i \rho \omega, \pi \alpha \rho \theta \in ́ \nu o s$, and pater (Buttmann, Lexil. s. v. фо $\kappa \kappa$ 's).

[^41]:    ${ }^{1}$ Contio stands related to coventio as nuntius to novi-ven-tius; comp. nov-i-tius.
    ${ }^{2}$ The French sometimes drop the D before a guttural in words of German extraction, as in Huguenot for Eidgenossen.

[^42]:    ${ }^{1}$ Ad-alare seems to be an instance of the converse change from r to L : for this compound is from $a d$ and $u l a=o u j p a$, and refers, like the Greek $\sigma \alpha i \nu \epsilon \iota \nu$ ( $=\sigma \epsilon^{\prime} \epsilon \iota \nu$, " to shake or wag"), to the dog blandishing, fawning, and wagging his tail. The older etymologers connect it with ad-oro; but this is another word similarly formed from $a d$ and $o s$, and corresponding literally to the Greek $\pi \rho o s-\kappa \nu \nu \epsilon \omega$.

[^43]:     substitution of $\eta$ for $\delta, a^{\prime}$ : comp. the epithet $\delta ı a \pi \rho v^{\prime} \sigma l o s$, Pind. $N$. iv. 51, where see the note.
    ${ }^{2}$ Most ancient nations seem to have connected the regiones coeli with the regiones viarum. Thus in old English " the milky way" was called "Wat-ling-street," which was the name of one of the four great roads in this country; see Grimm, Deutsche Myth. p. 330, 2d ed.

[^44]:    ${ }^{1}$ It would seem that the word sicilicus (from seco) was properly and originally applied to this apportionment of land. In the Bantine Table (1. 25) we have nep him pruhipid mais zicolois x nesimois; which I have translated (above, p. 97), ne in hoc prahibeat (i.e. prabeat) magis sicilicis $\mathbf{x}$ contiguis. According to Klenze (Alhandl. p. 50) x nesimois=decimis; but I cannot understand why we should have an ordinal here. The root of ne-simus appears in nahe, near, next, \&c.; and I would understand it of so many adjoining allotments. The sicilicus was 600 square feet, i.e. $\frac{1}{48}$ of the jugerum, or ${ }^{\frac{1}{2}} \frac{1}{4}$ of the actus. Consequently, the 30 contiguous sicilicu mentioned in 1.17 would be $\frac{5}{8}$ of the jugerum, or $\frac{5}{4}$ of the actus; and the 10 contiguous sicilici would, therefore, be $\frac{5}{24}$ of the former and $\frac{5}{12}$ of the latter.

[^45]:    ${ }^{1}$ See Hesiod. Op. et D. 443 :
    
    

[^46]:    ${ }^{1}$ On this abbreviation, see Cicero's remarks in Orator, c. 46, § 155.

[^47]:    ${ }^{1}$ I have attempted to remove some of these difficulties in the $N$. Crat. (pp. 57 sqq., 157 sqq., 212 sqq., \&c.). A young Cambridge philologer has published a second edition of my remarks, " with corrections," under the title of "A First Lesson in Psychology - Remarks upon certain Passages of the New Cratylus." The subject will not, I fear, be simplified by the additional distinctions which he proposes to introduce.
    ${ }^{2}$ It is, perhaps, hardly necessary to say that in neuter nouns like genus, tempus, robor, \&c., the $s=r$ is not a nominative-ending, bot the termination of the crude form, and consequently that the genitive-ending of these nouns is not $-r i s=s i s$, but $-i s$. That the $s$ in such words belongs to the crude form is clear from the derivatives gener-osus, tempes-tas, robus-tus, \&c. The same may be said of the corresponding Greek forms in -os; as opos, which in its derivatives preserves the $-s$ (as in obés- $\beta$ oos, \&c.), though it has lost it in the
     and nouns ( $\delta \eta \mu \delta i ́ o ~ f o r ~ \delta ~ \delta ~ \mu \mu \delta \sigma \iota o) . ~$

[^48]:    ${ }^{1}$ In the text I have merely put together some of the analogies suggested in my former work. Mr. Garnett, one of the soundest, and, at the same time, most original philologers in this country, has arrived at some results which are calculated to confirm and extend these views. In a letter to me (dated 3d May, 1842) he says: "I flatter myself that I can make it appear from a pretty copious induction that the Indo-Germanic present participle is formed upon the ablative case of the verbal noun [Sanscrit tupat], in much the same way as the pronoun possessive in Latin, German, \&c., is formed

[^49]:    ${ }^{1}$ I am not aware that any other scholar has suggested this explanation. Müller (ad Fest. p. 320) thinks that arcesso is the inchoative of arceo = accieo : but, in the first place, the reading in Festus is by no means certain (Huschke's arce dantur being, I think, an almost necessary correction); and, secondly, this would leave accerso unexplained.

[^50]:    ${ }^{1}$ The loss of the imperfect, and the substitution of a compound tense, is accounted for by the practice of omitting the augment. Without this prefix the regular imperfect does not differ from the present.

[^51]:    ${ }^{1}$ This is, indeed, a very simple and obvious matter; but it may be convenient to some readers, if I subjoin a tabular comparison of the Greek and Latin usages in this respect. The classification is borrowed from Buttmann's Mittlere Grammatik, § 139 (p. 394, Lachmann's edition, 1833).

[^52]:    1 We observe the same fact in the use of the participles in English and German. Thus, in Herefordshire, "a good-leapt horse" means "a goodleaping horse;" and in German there is no perceptible difference between kam geritten and kam reitend. See Mr. Lewis's Glossary of Provincial Words used in Herefordshire, p. 58; and Grimm, D. Gr. iv. p. 129.
    ${ }^{2}$ Conversely, the forms in $-\nu \tau$-, which are always active when used in concord with a noun, are occasionally employed in that infinitive sense in which the differences of voice seem to be neglected. Thus we have, Soph.
    
    日é̉ovtos ("quando quis cupiendi satietatem expleverit"'s. "id quod cupie-
     toùs évavtious $\mu \hat{a} \lambda \lambda \lambda \frac{\nu}{} \phi o \beta \hat{\eta} \sigma o \nu$ (" sciat timere illud suum-majorem adversariis metum incussurum esse'').

[^53]:    ${ }^{1}$ See Rosen, on the Rig-Véda Sanhila, p. iv.

[^54]:    ${ }^{1}$ Later forms, like expugnassere, result from a mistaken attempt to follow the Greek analogy (see Madvig, Bemeríkungen, p. 41).

[^55]:    ${ }^{1}$ It has been shewn above (p. 208) that the dentals, when preceded and followed by vowels, are frequently omitted in the French forms of Latin words; and it will be shewn below that $D$ and $T$ must have been dropt in the old pronunciation of some Latiri words, such as pater, modo, quidem. The words Epol and Ecastor exhibit the same fact in the written forms of the old Latin language, and therefore complete the induction.

[^56]:    ${ }^{1}$ The reader might be referred for further instances to a paper on the "Ausfall oder Verwandlung der Consonanten durch Zusammenziehung oder Assimilation in der Lateinischen Sprache," in the Rheinisch. Museum for 1839 (pp. 42-81); but, although most of the words there enumerated are cases of contraction, the author, Professor Schwenck, has not been happy in his restorations. In the same volume of the Rhein. Mus., p. 297, there is a criticism on Prof. Schwenck by Dr. Düntzer.

[^57]:    ${ }^{1}$ The reader, who desires a more copious induction, cannot do better than consult an excellent article on the subject in the Journal of Education (vol. ii. p. 344, sqq.), written, I believe, by Professor T. H. Key.
    ${ }^{2}$ De Divin. ii. 40, § 84 : "Quum M. Crassus exercitum Brundisii imponeret, quidam in portu, caricas Cauno advectas vendens, Cauneas, clamitabat. Dicamus, si placet, monitum ab eo Crassum, caveret ne iret."

[^58]:    ${ }^{1}$ How completely this was the case even in Cicero's time may be inferred from what he says in his Orat. pro Fonteio, 1, § 1: "Referta Gallia negotiatorum est, plena civium Romanorum. Nemo Gallorum sine cive Romano quidquam negotii gerit; nummus in Gallia nullus sine civium Romanorum tabulis commovetur," \&c. For the literary culture of Gaul some hundred years later, the reader may consult the commentators on Juvenal, i. 44, vii. 147, 8, xv. 111.

[^59]:    ${ }^{1}$ According to Grimm (D. Gramm. iii. p. 768), oyl is $j a i l$, and oc is $j a$

[^60]:    ${ }^{1}$ Comp. Tursni, Vermiglioli, Iscr. Per. i. p. 279.
    ${ }^{2}$ Comp. Abeken, Mittelılalıen, p. 127.

