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# a COMPARATIVE VOCABULARY 

OF

## FORTY-EIGHT LANGUAGES,

COMPRISING

ONE HUNDRED AND FORTY-SIX

## COMMON ENGLISH WORDS,

WITH

## THELR COGNATES IN THE OTHER LANGUAGES,

SHOWING

## THEIR AFFINITIES WITH THE ENGLISH AND HEBREW.

## BY THE

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Translation of the New Testament;" \&c.

LIVERPOOL:
ARTHUR NEWLING, 27, BOLD STREET.
1865.

Note.-The German or Continental pronunciation of the Vowels is adopted in this Vocabulary, or, at least, as far as practicable. Change or Mutation is indicated by ~.

## PRELIMINARY OBSERVATIONS.

The English words, forming the basis of this Comparative Vocabulary, were selected as most suitable for the purpose from the pure Anglo-Saxon part of our language; they relate to the most familiar and important objects, and such as were most likely to be found in the various languages of the earth, and range over fourteen distinct departments of human knowledge. Their simple and pure Saxon character is obvious from the fact of there being no less than one hundred and nineteen Saxon words placed opposite to them as their natural correlatives. And their suitableness for an extensive comparison is also obvious from the fact that in nearly all the other languages, corresponding and indigenous words are found. There are, indeed, a few exceptions; for instance, in the Tahitian and Esquimaux, where the want of native terms is supplied either from the English language or from the Hebrew or Greek, the foreign substitutes being modified so as to suit the genius of the language into which they are introduced; these foreign words are indicated by a + annexed to each. Of course such words are neglected in our comparison.

The affinities which the several languages bear to the Hebrew and English respectively are indicated by the letters H and E , prefixed to the words, and the number of such affinities is summed up at the bottom of each column; and, finally, the total for each is given at the end of the Vocabulary, followed by a Table of Affinities, exhibiting the approximate ratio which each language bears to the Hebrew and English.

In tracing out and ascertaining the affinities subsisting amongst the various languages, the Author has conscientiously endeavoured to maintain an impartial and equitable judgment, guided by the established principles of sound and comprehensive philology. These principles regard the various mutations and modifications which any given word may undergo by transfusion into different languages. The mutations arise from interchange of letters and syllables, according to the genius of the language. Elision of consonants also frequently occurs, especially in such languages as the Chinese and Polynesian tongues, which abound in vowels, and with which they usually terminate their words. Some, however, as the Esquimaux, are partial to harsh guttural sounds, and modify new and foreign words accordingly.

I have frequently been struck with the similarity of the changes and mutations of letters, \&c., running through almost all the languages that have come under my notice; resulting evidently from corresponding changes made in the
organs of speech by the divine power and wisdom at the dispersion of Babel. Thus Jehovaf, by very simple means, brings about great changes, as He is wont, by His infinite power and wisdom. By slightly changing their tongues He divides them into separate families or nations, and scatters them abroad over the face of the earth. I will give some illustrations in proof of this, and begin with ourselves. ,The hard prounciation of th, initial and medial, is a remarkable peculiarity of the English, and is as great a stumbling block to our continental neighbours as Shiboleth was to the Ephraimites, who could not frame to pronounce it aright, although their lives depended upon it, but instead thereof called it Siboleth. Thus, take for instance the word Father, and observe the orthography of its cognates through the whole Saxon, or Teutonic family:

| Saxon, | Dutch, | German, | Swedish, |
| :--- | :---: | :---: | :---: |
| Fader. | Vader. | Vater. | Fader. |

Either $d$ or $t$ is substituted for the English th throughout these languages. And the same is observable in the Persian, Hindostani, and Turkish, which retain the same word:

| Persian, | Hindostani, | Turkish, |
| :---: | :---: | :---: |
| Pader. | Pedur. | Peder. |

Also, in the Greek and Latin Family we have a similar orthography of the same word:

| Greek, | Latin, | Italian, | Spanish, | French, |
| :---: | :---: | :---: | :---: | :---: |
| Patēr. | Pater. | Padre. | Padre. | Père. |

The Irish and Gaelic, however, seem to retain the English pronunciation, or, at least, the orthography of the word:

| Irish, | Gaelic, |
| :---: | :---: |
| Aithair. | Aithair. |

The initial F being dropped in these languages. The Gothic also, I think, has the same sound: thus in Atta, Father, we have the double $t$ corresponding to th. The double d in the Welsh language, especially when final, has the hard sound of th, as in nefoedd, heaven; bedd, a grave. The kindred words, Mother and Brother, undergo precisely similar changes in the above languages. The Saxon, Gothic, Irish, and Gaelic retain the English sound of th, or at least the orthography. The French are prone to shorten their words; thus we have Père, mere, frére, in the above instances.

The Dutch usually change s to z , thus son becomes zoon; sun, zon; sister, zuster; sea, zee. They also lengthen their vowels, or give them an open, broad sound.

## DIALECT OF DALECARLIA.

"The Dalcarls are Swedish Highlanders, and have preserved comparatively unchanged the manners, customs, and language of their Gothic forefathers; they are the only remains of the Ancient Gothic stock that aspirate the letters 1 and w; an infallible characteristic of the Meso-Gothic, Anglo-Saxon, and Icelandic.
"Also these peculiarities prevail in Western Dalecarlia, viz.: 1 , prefixing $v$ to
all monosyllables, beginning with a vowel, as, vom, for; om, if; (Hebrew y id.) vord for ord, a word. 2, Transposition of syllables: as jasel for selja, to sell; lata for tala, to speak. Thus they say, 'kan du lâta tæ korba, so kimi du lavi? Kan du tala tæ baka, so miki du vilâ?' Canst thou speak backwards, as much as thou wilt? The affinity of this dialect to the English is proved by the fact of 'a boy from Dalecarlia who was taken by a Swedish Ambassador to England, and who easily understood the language of the peasants of the Northern Counties.'"

The above peculiarity of the Dalecarlians, in transposing syllables, may account for similar transpositions in many English words in passing from the original Hebrew into the English tongue.

## REMARKS ON THE DANISH.

$\mathrm{a}, \mathrm{e}, \mathrm{i}=\mathrm{j}, \mathrm{o}, \mathrm{u}$, like the German.
$\mathrm{e}^{\mathrm{c}}$ sometimes pronounced like i , and i sometimes like e.
o frequently like the German ö.
a a, e e, like â, ê. I initial like Y.
The consonants have generally an easy, soft pronunciation.
b often like p , and p sometimes as b .
$\mathrm{d} \sim \mathrm{t}$ and is often written $\delta$.
g initial and final often $\sim \mathrm{y}$.
gh usually softened down and lost as in English.
r is usually faintly heard and often $\sim \mathrm{n}$.
ou and ow like oo in poor.

## ON THE GAELIC.

The Gaelic language is peculiar in its orthography, and is difficult of aequisition to strangers. The letter $k$ is not used in it, its place is supplied by $c$, which always has the hard sound as in cearc, a hen; $g$ is always hard as in gealach, moon; geadh, goose. A principal difficulty arises from the number of consonants in combination, many of which are silent in the pronunciation, as Breitheamh, a judge, pronounced Breho. The double consonant th is never sounded, it merely indicates a sudden aspiration, as Reth, a Ram. $f$ h in the beginning of words is never sounded as an pheasgar, the evening ; an fhion, the wine, pronounced an esgar, an een. $b h$ and $m h$ sound like $v$ in English, as craobh, a tree; freumh, a root, pronounced craov, frouv. ch is guttural, like the Greek $\chi$, as lochran, lamp, oidche, night, pronounced loxran, oix.
ao is supposed to be peculiar to this language; having no corresponding sound in English, it nearly resembles the sound emitted by a young calf, as in aodaun, face; aodach, cloth; caora, a sheep; aon, one.
$d h$ and $g h$ are very faintly audible, if at all heard as in slighe, a way; tighe, a house, pronounced slie, ti. chd may be expressed nearly by joining the Greek $\chi$

[^0]and $k$ as in bochd, poor, pronounced boxk, cruicthneachd, wheat, pronounced cruinax $k$, drúchd, dew, pronounced dríxk.

Gaelic scholars divide the vowels into broad and slender; a, o, u, being broad, and $i$, e, slender vowels. And the rule they give for the formation of syllables is, when a broad vowel ends a syllable, a broad vowel must begin the next syllable; and when a slender vowel concludes a syllable, a slender vowel must begin the next. This accounts for the number of silent vowels, which, with the peculiar combination of consonants, make many words appear uncouth; as coimhearsnach, neighbour, pronounced coiersnax, gaincamh, sand, pronounced ganiv, deasgain, yeast, pronounced desgin, ceileiridh, to chirp, pronounced celiri, saighead, pronounced said, an arrow.

## ON THE WELSH.

Mutations and permutations of consonants abound more in this language than any other I am acquainted with. Changes of single and double consonants for others, according to their varied position, are constantly occurring, and are made, not at random, but in a most systematic manner, and according to strict grammatical rules. Many derivatives are thus formed from a single root, which Welsh scholars consider as giving peculiar beauty, richness, and regularity to their language, and as affording strong proofs of its purity and originality. Although this we willingly concede, but when some go further, and lay claim to its being the primitive language spoken in Paradise, we at once demur, knowing, on the best evidence, that it, as well as all other languages, must yield the palm to the Hebrew, for purity, integrity, and originality.

The following are examples of the mutations of initial consonants in Welsh, according to their varied position. Thus c is susceptible of three mutations:


The word priod (English, bride) gives rise to the following derivatives:
Priod, proper, peculiar, one's own, a married person, man or woman.
Priodi, to marry.
Priodas, marriage.
Priod vab, bridegroom.

- verch, bride.

Priodal, proper, one's own, married, \&c.
Priodawr, a proprietor, especially of land.
Priodoldeb, property.
Priodoledd, (Armorica,) wedlock.
Priodor, a native, Ex. xii. 49.
qu. English: Brother.
Brodorion, natives, those who have been born and bred in the same country.
The sound of ch corresponding to $\chi$ in Greek, properly pronounced, and being radical, is ever attended with $w$.

Dd as th in the English this, thou, though; but never as in theme, thought. Ll has a sound probably peculiar to the Welsh, which a stranger to the language can only acquire from a native Cambrian: the Spanish $l l$ approaches it, but the Italian $g l$ comes much nearer.

## ON THE SYRIAC, ARAMAIC, or CHALDEE.

The Syriac (as will be apparent in this Vocabulary) is more closely allied to the Hebrew than any other language. There are, however, several mutations and transpositions of letters, which constitute a marked dialectical difference. These mutations, or interchanges of letters, transpositions, \&c., are similar to those occurring in almost all other languages, and are accounted for on the principles before adverted to, relating to the organs of speech.

1. A marked peculiarity in the Syriac is, that a great many words, which end in a consonant in Hebrew, terminate in $\bar{a}$ or $\hat{o}$.

Thus Hebrew nun, a fish, becomes nuno in Syriac.

$$
\begin{array}{llll}
" & \text { esh, fire, } & " & \text { eshtho } \\
" & z a h a b, \text { gold, } & " & \text { dahbo }
\end{array}
$$

2. $z$ and $d$ are interchangeable in Hebrew and Syriac, as in the last instance, zahab becomes dahbo in Syriac.
3. $b$ in Hebrew is changed into $p$; as Hebrew, barzel, iron; Syriac, parzel.
4. $\because \sim y$, as aretz, earth, becomes aro. The reader may find other mutations of letters in a Chaldee or Syriac Grammar.

ON THE CHINESE AND HOKKËEN (usually writter Fokien) DIALECT.
The Chinese language is very limited in words and vocal sounds; the Court or Manderin dialect not having above 600 or 700 distinct words. They generally terminate in vowels or dipthongs; many of their sounds are peculiar and difficult of enunciation, and of expression in writing, by Europeans. For instance, a child, or philosopher, is, according to Dr. Morrison's orthography, tsze. The Hokkëen dialect is more energetic, and, although it abounds in gutturals, is more easily attainable by an European. Thus tsze, a son, or child, is pronounced choó in Hokkëen. This dialect has been denominated the Yorkshire of China, and differs indeed as much, or even more, from the Court dialect than that of Yorkshire from.
the Cockney. It is also subdivided into the reading and colloquial dialects. These differences may be observed in this Comparative Vocabulary, where I have given both the written and colloquial sounds in many of the words in Hokkëen, as well as in the Court language.

The following are some of the principal mutations of letters, \&c., which occur in the Hokkëen :

1. Manderin $c h$ initial is changed in Hokkëen to $s, t$, or $k$, as

$$
\begin{aligned}
& \text { chan, produce ~ sán. } \\
& \text { chang, long ~tíang. } \\
& \text { ché, a wheel } \sim \text { kí. } \\
& \text { chí, to know ~ ti. }
\end{aligned}
$$

2. Manderin words ending in $h$ almost invariably end in $k$ or $t$ in the Hokkëen :

> Thus chih, a cubit,$\sim$ chek.. choh, a table,$\sim$ tok.
3. $f$ is usually changed to $h$, as

$$
\begin{aligned}
& \text { foo, father, } \sim \text { hoo. } \\
& \text { fäh, a rule or law, }, ~ \sim \text { hwat. }
\end{aligned}
$$

4. $m$ is frequently changed to $b$, as

| mob, mother, | $\sim$ bó. |
| ---: | :--- |
| $m i$, rice, | $\sim$ bí. |
| $n$ sometimes to $l$, as |  |
| $n a ́ n$, south, | $\sim$ lám. |

5. The vowels also undergo frequent changes, thus,

$$
\begin{aligned}
& \text { Pik King (the Capital City) } \sim \text { pek keng. } \\
& \text { Nan King (the City) } \sim \text { lam keng. }
\end{aligned}
$$

N.B.-The former signifies Northern Capital, the latter, Southern Capital. ON THE JAPANESE.
Powers.
$a$ in father.
$e$ in they.
ai in high.
$i$ in machine.
$o$ in so (never as in Lord).
a in rule.
dj in judge.
j in jamais (French).
$\overline{\bar{o}}$ is a very lengthened minim of $o$; nothing like it in any language $I$ have ever known; it is not a drawl, but more like the difference between the o in not and note, yet a longer sound than the last, though otherwise just like it. The o
must never be sounded short: otto (husband) is nothing like otto of roses, but like oat-to.
g as in guinea.
The above remarks are by Dr. Williams, of Canton, an American Missionary, who kindly procured this language for me.

## ON THE POLYNESIAN or SOUTH SEA ISLAND DIALECTS.

The Sandwich Islanders make the following changes from the Tahitian: t (Tahitian) $\sim \mathrm{k}, \mathrm{r} \sim \mathrm{l}, \mathrm{h} \sim \mathrm{f}$.
The Austral Islanders, including several islands 400 miles south of Tahiti, read fluently the Tahitian Scriptures, but reject $f$ and $h$, without supplying a substitute, which makes an amazing difference in their pronunciation.

Harvey and Rarotonga Islanders often insert $\%$ between two vowels of the Tahitian, and put $g u$ before a vowel. With the Samoas $h \sim s$.

The Samoan dialect is the only one in which the sibilant is used.
The Tonga alone uses $j$.
The South Sea island dialects have the dual number.
That a language spoken by Savages should be supposed to be defective, in many respects, could not create surprise, but the fact is contrary to all we might have anticipated, that the Polynesian dialects are remarkably rich, admit of a great variety of phraseology, abound in terms of peculiar nicety, and are spoken with strict conformity to the most precise grammatical principles. Of this we shall furnish $\mathrm{a} \cdot$ few examples. In the first place the Polynesians employ three numbers, the singular, the dual, and the plural, with which the inflections of their verbs agree.

|  | Singular. | Dual. | Plural. |
| :--- | :---: | :---: | :---: |
| To speak, | paran, | pararan, | paraparan. |
| To do, | rave, | rarave, | raverave. |

There are but 14 or 15 letters in any of the dialects of this language; and as we spell the word precisely as it is pronounced, no difficulty is experienced in teaching the children spelling. All we have to do is to instruct them in the sounds of the letters, and when these are acquired they spell the longest words with ease. As the natives are never at a loss to express their thoughts or emotions, we have been obliged, in effecting our translations, to introduce but few terms. These are principally religious terms, or relate to articles and ideas unknown prior to their intercourse with Europeans. Before admitting a new word we have generally considered whether it could be Polynesianized; that is, whether vowels could be inserted between every two consonants without destroying its identity; and, secondly, whether any terms exist in the native tongue with which it was likely to be confounded. When we could adopt English words we preferred doing so; but these cannot be accommodated to the South Sea dialects so easily as words from the Greek. Of this the term horse may afford an illustration. This, by the introduction of vowels, so entirely loses its identity that horse would become horete.

But as the omission of one $p$ and the $s$ from the Greek word hippos gives us hipo, we adopt that word because it harmonizes with the language, can easily be pronounced by the natives, and retains a sufficient resemblance to the original to preserve its identity.

The following are specimens of the changes made in European names by the New Zealanders:

| Apollos is pronounced | ... | .. | ... | Aporo |
| :---: | :---: | :---: | :---: | :---: |
| John Fisher ", | ... | ... |  | Hoani Pika. |
| George Morley „, | ... | .. |  | Hori Mori. |
| Mr. Whiteley | ... | $\ldots$ |  | Mr. Whi-te-ley. |
| Mr. Waterhouse ${ }^{\prime}$ |  |  |  | Wa-te-hou-si. |
| Love to you! " | ... |  |  | Jio loo fu. |

The above remarks on the languages of the South Sea Islanders were made by the Rev. W. Ellis, formerly a Missionary at Tahiti, and Hawaii, and more recently in Madagascar, and the author of several excellent works. He also kindly furnished me with the Tahitian dialect for this Vocabulary.

This work has cost the Author many years of laborious research, and correspondence with Missionary Brethren in various parts of the world, and has been carefully written out and re-written from the autographs of his friends. Few, indeed, except such as have engaged in similar investigations, can conceive the labour of research required in accumulating the materials, arranging them, and then carefully observing and tracing out the affinities of all the languages to the Hebrew and English. The latter process, especially, demanded much patient thought and the exercise of a sound and impartial judgment, guided by the ascertained principles of philology. Besides cost of time and mental labour, he has willingly borne considerable expense in remunerating some of his coadjutors for their trouble and expenditure in obtaining the assistance of competent native teachers for filling up the Vocabulary correctly in various languages, and transcribing fair copies for him.

Notwithstanding all this labour and constant vigilance in this work, many imperfections mar it; and errors, which may have escaped his notice, will doubtless be detected by able Philologists. And, while he would accept their candid and judicious criticisms in a grateful spirit, he must doubtless be prepared to encounter severe and, perhaps, unjust strictures from less judicious and candid critics. However, since the Author's simple and conscientious aim has been, by fair and patient investigation, to ascertain the evidence of the affinity of languages, and so to illustrate and confirm the sure testimony of the Divine Record on the subject, he can patiently bear man's severe and partial judgment, being fully satisfied with the reward of God's approval, and blessing upon his humble work, throughout which he has conscientiously sought His glory.

The importance of these philological enquiries, when prosecuted in a right spirit, and with a single eye to the glory of God, is rightly appreciated and well stated in the following quotation from the Church Missionary Intelligencer.

## "ON THE VALUE OF COMPARATIVE PHILOLOGY."

"This study may appear to be remote from practical results. We are persuaded that it is not so. Its successful prosecution lies at the root of many great questions, involving the foundations of our faith; it is the real key, too, to the understanding of a nation's history, and a valuable auxiliary to systematic Missionary work." Church Missionary Intelligencer, Vol. X., p. 11.

It only now remains for the Author, before concluding this preliminary notice, to present his grateful acknowledgments to his various friends and brother Missionaries, who have kindly aided him in procuring many of the languages comprised in this Vocabulary.

1. The Hebrew part was supplied by his friend the Rev. M. Margoliouth, an eminent Hebraist and Rabbinical scholar.
2. The Syriac by the Rev. Dr. Etheridge, the author of an excellent translation of the Syriac N. T. from the Peschito; and Horæ Aramaicæ; \&c.
3. The Arabic, Persian, Modern Greek, and Turkish (in part) were promptly and kindly sent me by the well known Assaad y Kayat, the British Consul at Jaffa.
4. The Gothic and Anglo Saxon were gathered by me from the celebrated "Codex Argenteus," edited by the learned F. Junins, and accompanied with the four Gospels in Anglo Saxon, and a Glossary or Dictionary to the whole: in two vols. vellum, published at Amsterdam.
5. The German by my friend and teacher, Mr. Bernstein, an accurate German and Hebrew scholar.
6. The Swedish, Danish, and Dutch were procured through a friend in London, from competent persons well acquainted with those languages.
7. The Icelandic has been kindly supplied by a Native of Iceland, J. C. Hansen, Esq., of Liverpool.
8. The Italian, Portuguese, Spanish, and French were supplied me, through a friend, by well qualified teachers in these several languages.
9. The Welsh I wrote down from the dictation of my Welsh teacher, Mr. Fowkes, of Bangor, North Wales.
10. The Irise. I regret that I cannot now recollect the friend who kindly procured me this Celtic language, but it was evidently supplied by a well qualified Irish linguist, and written out in the native character in a beautiful hand. I think the friend who procured it fur me was Col. Lewis, of Dublin, the well known founder and patron of Irish schools for the poor.
11. The Manx was very kindly supplied me by Archdeacon Drury, Isle of Man.
12. The Gaelic was got through my friend the Rev. Mr. Leechman, formerly Missionary at Serampore, and written out carefully by a learned native of the Highlands. I have already quoted his remarks on the language.

[^1]13. Hungarian and Bohemian, by the late Rev. Dr. Pinkerton, the well known and highly esteemed Agent of the B. and F. Bible Society, for many years in Russia and Germany.
14. The Russian and Polish were supplied by two of my friends, Christian Jews, natives of Russia and Poland, and well acquainted with the languages. The former was the late Mr. J. G. Lazarus, Superintendent of the Liverpool Institution for inquiring Jews; the latter was Mr. Epstein, who passed through the same Institution.
15. The Sanscrit and Bengalli by the late Rev. A. F. Lacroix, an eminent and well known Missionary of the London Missionary Society, in Bengal, above thirty years. He had few equals in his knowledge of Bengalli and Sanscrit.
16. The Malay by my friend the Rev. Mr. Werth, a German Missionary at Malacca.
17. The Stamese by my friend the Rev. J. T. Jones, American Baptist Missionary, at Bankok, the Capital of Siam. He succeeded Dr. Gutzlaff and myself at that station.
18. The Chinese was supplied by my friend the late Dr. Bridgman, American Missionary at Canton, and editor of "The Chinese Repository, in 20 vols." The Hokkëen dialect was filled up by myself.
19. The Japanese by my friend Dr. Williams, American Missionary at Canton, (author of several works on the Chinese language,) through the help of a native of Japan.
20. The Tahitian by the Rev. W. Ellis, as previously stated, whose interesting remarks on the South Sea Island dialects I have already quoted.
21. The six African Languages I took in part from a Vocabulary of Six East African languages, by Dr. J. L. Krapf, Missionary of the Church Missionary Society; and also from "Polyglotta Africana," by the Rev. S. W. Koelle, Missionary of the same Society.
22. The Esquimaux was procured for me by the Rev. Mr. Mallalieu, of Fairfield, from a Moravian Missionary, amongst the Esquimaux.
23. The Choctaw was furnished by an American Missionary to the Choctaw Indians, through the kindness of a friend.

While this work was passing through the press the Author was promptly and efficiently assisted by Mr. Salter, of the "Asiatic Strangers' Home," London, in filling up several of the languages, particularly the Turkish, Russian, Coptic, and Hindostani.

I．－GOTHIC AND SAXON FAMILY．

| English． | Saxon， | Gothic． | Dutch， | German， | Swedish． | Danish． | Iceland， |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| God Angel | E God Eangel | a Goth ェangilus | ${ }^{5}$ God wengel | 玉 Gott e engel | EGud x engel | a Gud wengel |  |
| Devil | miavol | daimôn | m duivel | steufel | ${ }_{\text {a dievful }}$ | ediavel |  |
| H Satan <br> н Heaven | ${ }_{\mathrm{E}}^{\mathrm{E}}$ Satanas <br> Eheafen | Esatanas ${ }^{\mathrm{H}}$ Eimins | ${ }_{\text {ER }}$ hemelen | ${ }_{\text {E }}$ satan <br> ${ }^{\text {E }}$ himmel | ${ }_{\text {Himmel }}$ | ${ }^{\text {H }}$ himmel |  |
| \＃Hell | ${ }_{\text {E }}{ }^{\text {H }}$ hell，helle | ${ }_{\text {Er }}$ halje | ${ }_{\text {IR }} \mathrm{H}$ hel | ${ }_{\text {E }}{ }^{\text {E }}$ hölle | ${ }_{\text {E }}$ helvete | ${ }_{\text {\％}}$ Helvede |  |
|  |  |  |  |  |  |  |  |
| Woman | cwino，wif | cwino |  | au | bean | kone |  |
| н Child | ${ }_{\text {E }}{ }^{\text {ceild }}$ | barn |  | mind | leanabh | barn |  |
| Father | x fæder | matta | ® vader | m vater | E fader | E fader | m fader |
| Mother | moder | maithei | s moeder | m mutter | xmoder | s moder |  |
| Son | ® Sunu | ${ }_{\text {m Sunus }}$ | m zoon | E sohn | w son | asön |  |
| Daughter | E dohter | ${ }^{\text {e dauhter }}$ | x dogter | a tochter | E dotter | mdotter |  |
| Brother Sister | x brother esweoster | E brothar | E broeder | mbruder | m broder | Ebroder |  |
|  |  |  | mzuster | ${ }^{\text {a }}$ Schweste | esyster | w Soster |  |
| $\underset{\substack{\text { III－Government } \\ \text { Law } \\ \text { \＆ic．}}}{\text { In }}$ |  |  |  |  |  |  |  |
| King | Ecyng，cynig | Thudans | ${ }_{\text {x }}$ koning | ${ }_{\text {x }}$ könig | mkönung | mkonge |  |
| Judge | dema | stana |  | htcr | domare | dommer |  |
| н Law | ${ }_{\text {E }}$ laza，lah |  |  | gesetz | ${ }_{\text {H }}^{\text {H }}$ lag | ${ }_{\text {I }}^{\text {I }}$ lov |  |
| ${ }_{\text {Pen }}$ | ${ }^{\text {xpinn }}$ |  | ${ }_{\text {x }}$ pen | feder |  |  |  |
| Paper |  |  | ${ }^{\text {e p apier }}$ | ${ }^{\text {xp}}$ papier |  |  |  |
| IV.--Heavenly |  |  |  |  |  |  |  |
| \＃Sun | ${ }_{\text {Eren }}$ sunna | ${ }_{\text {Hemen }}^{\text {Stunno }}$ | azon | ${ }_{\text {H }}^{\text {H }}$ sonne | ${ }_{\text {esol }}$ | msol |  |
| Moon | emona | mmena | mmaan | m mond | smeina | maane |  |
| Star | ${ }_{\text {e S Steorra }}$ | estairno | estar | estern | ${ }_{\text {e Stierna }}$ | mstierna |  |
| Cloud |  | milhma |  | wolke |  |  |  |
| Wind | $x$ wind | m vinds | m wind | m wind | ${ }_{\text {a }}$ vind | m vind |  |
| Rain | mrægen，ren | mrign | mregen | mregen | mregn |  | x hregg，rign |
| Thunder | ethunder |  | m donder | ${ }_{\text {s d }}$ donner | xdunder | m dundren |  |
| Lightning Light | xliht，leoht | mlinath | Eligt | sblitz sleicht |  | ${ }_{\text {e linsz }}$ | Elioos |
| Darkness | nht， | riquizein |  | finsternistz |  |  |  |
| V．－Earth andits Productions． |  |  |  |  |  |  |  |
| нThe Earth | ${ }_{\text {E }} \mathrm{H}$ eard，eorth | ${ }_{\text {Hairs }}$ airtha |  |  | ${ }_{\mathrm{E}}^{1} \mathrm{i}$ iord |  |  |
| A Hill | Ehill | bairg | ${ }_{\text {E }}$ Ehenvel | Ehugel |  | bjerg |  |
| Sea | ESæ | marei | ェzee |  | msió | e soe |  |
| River |  | aguô | mrivier |  |  | flod |  |
| Water Fish | e wæter <br> efise | e wato <br> sfisk | e water <br> evisch | e wasser <br> efisch | a vatten <br> sfisk | e vand efisk |  |
|  |  |  |  |  |  |  |  |
| H 7. | H 7．E 29. | H 5．E 21 | H 3．E | H 5．E 29. | H 4．E | H 4．E | H 0．E |



| English. | Hebrew. | Greek (anct.) | Greek (mod.) | Latin. | Italian, | Portuguese. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| God Angel Devil | El, Elohim malach sheid | Theos Eangelos ediabolos | zangelos <br> ediabolos | Deus Eangelus Ediabolus | Dio sangelo ediavolo | $\begin{aligned} & \text { Deos } \\ & \text { Eanjo } \\ & \text { Ediabo } \end{aligned}$ |
| Satan | satan | ${ }_{\text {E }}^{\text {E }}$ Satan |  | ${ }_{\text {E }}^{\text {H }}$ satanas | satana |  |
| Heaven | shemaim | ouranos | uranos | cœlum | cielo | ceo |
| Hell | gehenem, sheol | Igéenna | kolasis | tartarus | inferno | inferno |
| $\underset{\text { ii.-Domestic }}{\text { Relations. }}$ |  |  |  |  |  |  |
| Man | adam | manthrôpos | manthropus | homo | uomo | homem |
| Woman | isha | gune | gincha | x femina | donna | mulher |
| Child Father | yeled abh | ${ }_{\text {p pais }}^{\text {pater }}$ | pedi | infans pater | fanciullo padre | menino |
| Mother | eim | Emater | mitera | mmater | smadre | ${ }_{\text {H }}^{\text {mai }}$ |
| Son | ben | huios | jos | filius | figlio | filho |
| Daughter | bath | sthygatēr | ${ }_{\mathrm{E}}$ thegatēra | filia | figlia | filha |
| Brother | ach | adelphos | adelfos | x frater | fratello | irmaō |
| Sister | achouth | adelphe | adelfi | soror | sorella | irmaā |
| $\begin{gathered} \text { IIII.-Government, } \\ \text { Law, \&ct. } \end{gathered}$ |  |  |  |  |  |  |
| King | melech | basileus | vasileos | rex | rè | rey |
| Judge | shophet | dikastes | critis | mjudex | mgiuidice | sjuiz |
| $\begin{aligned} & \text { Law } \\ & \text { Pen } \end{aligned}$ | torah <br> eit | nomos <br> kalamos | nomos calamos | x lex <br> penna | Elegge | mley |
| Paper | naiar | $\left.\begin{array}{l} \text { Epapyros, } \\ \text { khartes } \end{array}\right\}$ | carti | $\begin{aligned} & \text { papyrus, } \\ & \text { charta } \end{aligned}$ | epapiro carta | m papel |
| IV.- Heavenly |  |  |  |  |  |  |
| Sun | shemesh | helios | ilion | esol | asole | msol |
| Moon | yereiach | selene | fenghari | luna | luna | lua |
| Star | kokobh | aster | masteron | Estella, | estella | m estrella |
| Cloud | anan | nephele |  | nubes | nuvolo | nuvem |
| Wind | ruach | anemos | anemos | x ventus | m vento | evento |
| Rain | matar | brokhe | vroshi | pluvia | pioggia | chuva |
| Thunder | ram | bronte | vronti | atonitru | etuono | trovaō |
| Lightning | barak our | astrape | astrapi | ${ }_{\text {flux }}$ fulgr | lampo | relampago |
| Darkness | choshekh | skotos |  | tenebra | $\left\lvert\, \begin{aligned} & \text { sluce } \\ & \text { tenebre } \end{aligned}\right.$ | escuridade |
| V.--Earth andits Productions. |  |  |  |  |  |  |
| TheEarth | aretz | ge | gi | ${ }_{\text {H }}^{\text {E }}$ terra | ${ }_{\text {H }}^{\text {H }}$ la terra | Eaterra |
| A Hill | har | bounos, | bouno, | mons | collina | montanha |
| Sea | yam | thalassa | thalasan | mare | mare | mar |
| River | nahar | potamos | potami | erivus | fiume | mrio |
| Water Fish | $\begin{aligned} & \text { maim } \\ & \text { dag } \end{aligned}$ | ®hydôr ikthus | nero psari | aqua <br> episcis | $\begin{aligned} & \text { acqua } \\ & \text { spesce } \end{aligned}$ | agua <br> «peisce |
|  |  | H 2. E 10. | E 7. | H2. E 18. | H 1. E 13. | H2. E. 13. |

IV.-CELTIC FAMILY.



# VI.-SANSCRIT, INDO-CHINESE, \& POLYNESIAN FAMILY. 



. FAMILYY:


| English． | Saxon． | Gothic． | Dutch， | German． | Swedish． | Danish． | Icelandic． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fire <br> Gold <br> Silver <br> Iron <br> Tree <br> ${ }_{\text {H }}^{\text {Root }}$ | e fýr <br> Egold <br> eseolfer <br> xiren，isern <br> e treo | liuhad E silubr E eisarn E triu akran | E vuur <br> E goud <br> E zilver <br> Evrugh | e feuer <br> E gold <br> esilber <br> e iser <br> baum <br> wurzel <br> ${ }_{\text {E }}{ }^{\text {H }}$ frucht | efyr <br> ェ guld <br> E silfer <br> Eiăr <br> e tră <br> Erot <br> ${ }^{\mathrm{H}}$ frucht | ${ }_{\mathrm{E}}^{\mathrm{sfyr}}$ <br> x guld <br> esölv <br> xiern <br> e træ <br> srod <br> ${ }_{\text {H }} \mathrm{H}$ frugt | eldur <br> Egull <br> e silfur <br> siarn <br> etrie <br> wedur <br> avöxtur |
| Grass <br> Flower | egraes， gaers | bloma | ${ }^{\text {e gras }}$ | $\begin{aligned} & \text { Egras } \\ & \text { blume } \end{aligned}$ | $\begin{aligned} & \text { egrăs } \\ & \text { blomma } \end{aligned}$ | ${ }_{\text {x graes }}$ | egras <br> blomstur |
| ${ }^{\text {H }}$ Seed <br> ${ }^{\text {H }}$ Garden |  | $\underset{\substack{\text { \# gards.gara, } \\ \text { nautigardB }}}{\text { fraiu }}$ | $\begin{array}{\|l} \frac{\mathrm{E}}{\mathrm{E}} \mathrm{zaad} \\ \text { tun } \end{array}$ | $\begin{aligned} & { }_{⿳ 亠 丷 厂}^{E} \text { saat } \\ & { }_{E}^{H} \text { garten } \end{aligned}$ | ${ }_{\text {E }}{ }^{\text {Hend }}$ Sa <br> e ortegárd | ${ }_{\text {E }}{ }^{\text {E }}$ saed E urtegård | frag egardur |
| Town， or City | Etun | baurgs |  | stadt | stad | bý | ，birg |
| Bread | mbreod | ${ }^{H}$ hlaibs， | Ebrood | rot | m bröd | mbröd | bra |
| $\begin{gathered} \text { Cake } \\ \text { Oil } \\ \text { Hine } \\ \text { Milk } \end{gathered}$ | $\begin{aligned} & \text { Eael } \\ & \text { Ewin } \\ & \text { Emelce } \end{aligned}$ | ealewa ${ }_{\mathrm{H}}^{\mathrm{H}} \mathrm{H}$ wein | ekoek <br> Eoly <br> ${ }_{\text {E }} \mathrm{H}$ wyn <br> mmelk | skuchen <br> E oel <br> ${ }_{\text {E }}^{\text {Hin }}$ wein <br> smilch | ekaka <br> ：olja <br> ${ }_{\text {E }}^{\text {E }}$ Vin <br> smiölk | ${ }_{{ }_{3}}{ }^{\text {H}}$ kage Eolie ${ }_{\text {H }}{ }^{\text {H }} \mathrm{vin}$ m maelk | ${ }_{\text {He }}^{\text {Hikaka }}$ E olia ulün ェ mjolk |
| Honey | ${ }_{\text {E }}$ hunig | milith |  | Ehonig | Ehăning | Ehonnin | x hunáng |
| Sugar |  |  | Esuiker | E | ${ }_{\text {E S Sock }}$ | akl | esik |
| vi．－Animals． <br> Horse |  |  |  |  |  |  |  |
| Horse Cow | $\begin{aligned} & \text { Ehors } \\ & \text { ECu } \end{aligned}$ |  | $\begin{aligned} & \text { Eros } \\ & \text { Ekoe } \end{aligned}$ |  |  |  | $\begin{aligned} & \text { hestur } \\ & \text { skú } \end{aligned}$ |
| ${ }^{\text {H }}$ Bull |  |  |  | ${ }_{\text {E }}{ }^{\text {E }}$ bull | ${ }_{\text {E }} \mathrm{H}$ bola | Hertyr | naut |
| ${ }^{\text {H }}$ Sheep | ${ }_{\text {E }}^{\text {H }}$ sceap，se | lamb | ${ }_{\text {H }} \mathrm{S}$ S | ${ }_{\text {H }}$ schaf |  | $a r$ | ， |
| ${ }_{\text {Hog }}^{\text {Dog }}$ |  |  | ${ }^{\text {x d dog }}$ | hund | hund | hund | undur |
| ＋${ }^{\text {Hemel }}$ Lion | ${ }_{\text {E }}^{\text {E }}$ gamela | ulband |  | ${ }_{\text {E }}^{\text {He }}$ kamel | amel | ${ }_{\mathrm{E}}^{\mathrm{H}} \mathrm{k}$ kameel | faldi |
| Tiger |  |  |  |  |  | etiger |  |
| ${ }^{\mathrm{H}} \mathrm{Cat}$ |  |  | ${ }_{\text {E }}{ }^{\mathrm{H}} \mathrm{k}$ | ${ }_{\text {E }}{ }^{\text {He}} \mathrm{F}$ atze |  | ${ }_{\text {Hex }}^{\text {Heat }}$ | köttu |
| ${ }^{\text {H }}$ Horn， | ${ }_{\text {H }}$ horn | ${ }_{\text {Hex }}^{\text {Hewrn }}$ | ${ }_{\text {E }}{ }^{\text {E }}$ hoorn |  |  | ${ }^{\text {Ex}}$ hor |  |
| Wool |  |  |  | Ewoll |  |  |  |
| Bird， Fowl | bridd， fugl | fuglo | voge | vogel | g | gl | ghll |
| ${ }^{\text {H }}$ Crow <br> Eagle | ${ }_{\text {E }}^{\text {E }}$ crawe |  | ${ }_{\text {Hex }} \mathrm{k}$ kraai | ${ }_{\text {H }}^{\text {Her }}$ kral | ${ }_{\text {Ex }}{ }^{\text {k }} \mathrm{kră}$ | ${ }_{\text {He }}{ }^{\text {Heragrage }}$ Eórn | ${ }_{\mathrm{E}}^{\mathrm{E}} \mathrm{hrafn}$ |
| Bat |  |  |  | fledermaus | s flädermus | flagermuts | floedermús |
| Owl | mula |  | muil | m eule | eugla | mugle | L |
| Egg | 玉а |  |  |  |  | Eaeg，le | Eeg. |
| Wings | egehwing |  | Enest | flïgel |  | e vingen, pl. | 1. E woengir |
| ${ }^{\text {H }}$ Snake Serpent | ${ }_{\text {H }}$ Snako |  |  | sclange， schnake |  | esnog slange | slange |
| H 11. | H 8．E 27. | H4．E 8. | H 7．E | 10．E 29． | H8．E 3 | H 9．E 32. | H 4．E 21. |






# VI.-SANSCRIT FAMILY. 




FAMILY.
X.-N. AMERICAN FAMILY. 16


| English． | Saxon． | Gothic． | Dutch． | German． | Swedish． | Danish． | Icelandic． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Frog <br> Bee（honey） | $\begin{aligned} & \text { E froga } \\ & \text { in beo } \end{aligned}$ |  | m bye | e frosch <br> ${ }_{\text {s }}$ biene | $\begin{aligned} & \text { groda } \\ & \text { Ebij } \end{aligned}$ | Efrosse | ェ fréẏa bílfluga |
| $\underset{\substack{\text { VIL-weapons, } \\ \text { \&oc. }}}{ }$ |  |  |  |  |  |  |  |
| Bow | x bugan |  | Eboogen | E bogen | E båge | ebû̀e | ebogi |
| row | marewa |  |  | pfeil | pil | pil |  |
| Sword | msword |  | ezwaard | Eschwert | m svărd | sabel $_{\text {Esvard }}$ | esverd |
| Shield | mscyld |  | a schild | m schild | mskŏld | eskjold | mskjōldur |
| VIII．－Agricultu－ ral Implements |  |  |  |  |  |  |  |
| ough | ${ }_{\text {apl }}$ |  | mploe | x pflüg |  | xplov，ploug |  |
| ife | x crif |  |  | esser | mknif | ${ }_{\text {®kniv }}$ | x hnífur |
| xe | ваех，eax | ${ }_{\text {e }}$ aqizi |  | maxt，beil | myxe | eoxe | eoxi |
| Saw | msaga |  | s zaag | m säge | x såga | ${ }^{\text {x saug }}$ | sog |
| rt | ® craet，crat |  |  | ${ }_{\text {e karre }}$ | ekärra | skarre | wagn |
| Wheel | $\left.\begin{array}{c} \text { shweol, } \\ \text { hweog1 } \end{array}\right\}$ |  | ：wiel | rad | Ehiul | ${ }_{\text {x hjûl }}$ | E． hj ól |
| $\begin{aligned} & \mathrm{IX}-\text { Members of } \\ & \text { the Body, \&o. } \end{aligned}$ |  |  |  |  |  |  |  |
| ead | sheafod， hefed | haubith | mhoofd | 玉haupt， | x hufoud | xhoved | mhoffud |
| ${ }^{\text {H }}$ Eye，ey | ${ }_{\text {E }}^{\text {Heag，}}$ eng，eah | ${ }_{\text {E }}{ }^{\text {E }}$ auga | ${ }_{\text {H }}{ }^{\text {Heog }}$ | ${ }_{\text {rex mage，augen }}$ | ${ }_{\text {Hoga }}$ | ${ }_{\text {H }}^{\text {H }}$ Oin |  |
| Mouth | xmuth | mmunths． | ${ }_{\text {s mond }}$ | s mund | m．mun | x mund | emunnur |
| ${ }^{\text {HFace }}$ |  | andauleiz， ulits |  | sich | ansigte | ansig |  |
| ${ }^{\text {H }} \mathrm{Hair}$ | ${ }_{\text {H }}{ }^{\text {Heer }}$ |  | ${ }_{\text {H }}^{\text {Hair }}$ | ${ }_{\text {H }}^{\text {H }}$ haar | ${ }_{\text {Brear }}$ | ${ }_{\text {H }}^{\text {Hear }}$ | ${ }_{\text {Ex }}^{\text {Exar }}$ |
| Ear |  | Hauso | moor | Eohr | 玉öra | Eore | zeyra |
| Tongue | Etung | stuggo | m tong | z zunge | x tunga | $x^{\text {t tunge }}$ | xtunga |
| Nose． | mnose，nase |  | mneus | ${ }^{\text {E n nase }}$ | ${ }^{\text {m näse }}$ | ${ }_{\text {x }}$ naese | ef |
| ${ }^{\text {HHand，}}$ | Elippa，lippe |  | Elip | ${ }_{\text {Elippe }}$ | 1app | Ehaan |  |
| Hands | ${ }_{\text {E }}{ }_{\text {L }}$ hand，hond | ${ }_{\text {İE }}^{\text {Hendus }}$ | ${ }_{\text {E }}{ }^{\text {H }}$ hand | $\begin{aligned} & \text { minand, } \\ & \text { hende, pl. } \end{aligned}$ | thand | hænder, pl. | hond |
| Foot，feet | fot |  |  | efustz, | fot，fötter | x fod，fodder | Efótur |
| Flesh | eflaec，flaese | leik | m vleisch | Efleisc | kött | ${ }_{\text {e flesk，}}$ kjod | kjét |
| Blood | Eblod | Ex bloth | Imbloed | Ex blut | ${ }_{\text {e b blod }}$ | mblod | eblód |
| Bone | mban |  | E been | knoche | mben | m been | x bein |
| $\frac{\mathrm{x}-\mathrm{Dwellings},}{\text { Furniture，\＆c．}}$ |  |  |  |  |  |  |  |
| House | Ehus | gards，hus | ${ }_{\text {x }}$ huis | mhaus | Ehus | ${ }_{\text {x }}$ huus | mhús |
| Door | edora，dur | ${ }_{\text {e daur }}$ | ${ }_{\text {e deur }}$ | sthür | dör | m dör | ${ }_{\text {a }} \mathrm{dyr}^{\text {r }}$ |
| ${ }_{\text {Chair }}$ |  |  |  | stuhl | stol | ${ }_{\text {stol }}$ | stoll |
| ${ }^{\text {He }}$ Cup | $\begin{aligned} & \text { Hised } \\ & \frac{\text { Bed }}{\mathrm{E}} \mathrm{cop}, \text { cupp } \end{aligned}$ | ${ }_{8}{ }^{\text {b }}$ bad， |  | Ebett beher | $\begin{array}{\|c} \text { säng } \\ \text { He kopp } \end{array}$ |  | song， |
| xI．－Time，\＆cc． |  |  |  |  |  |  |  |
| Year <br> Month <br> Week | m gear <br> s monath <br> \＆weoc | mmenath | ejaar <br> maund <br> e week | xjahr Emonat e woche | eär <br> ェ mänad <br> a vecka | eaar <br> m maaned ョuge | Eár e mánudur ulika |
| H 6. | H5．E 32． | H4．E 10． | H 5．E 26. | H4．E 27. | H 4．E28． | H4．E 31． | H 2．E 24. |







23 VIII.-POLYNESIAN FAMILY.
IX.-AFRICAN



| English． | Saxon． | Gothic． | Dutch． | German． | Swedish． | Danish． | Icelandic． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Day <br> Night <br> To－day | $\begin{aligned} & \text { Edaeg, dag } \\ & \text { Eniht } \\ & \text { E to-daeg } \end{aligned}$ | edags <br> mahts himmadag | Enag | $\begin{aligned} & \text { Etag } \\ & \text { Enacht } \\ & \text { heute } \end{aligned}$ | Edag <br> matt <br> xi dag | ． mag Enat ${ }^{\text {a }}$ i－dag | x dagur <br> enoot <br> mi－dag |
| $\begin{aligned} & \text { TTo-mor- } \\ & \text { row } \end{aligned}$ | 䓓morgen | gistra dags |  | ${ }_{\text {H }}{ }^{\text {m }}$ morgen | ${ }_{\text {Hi }} \mathrm{i}$ mårgon． | Ei－morgen | ${ }_{\text {F }}{ }^{\text {a }}$－morgain |
| Yester－ day | $\begin{aligned} & \text { gyrstan- } \\ & \text { daeg } \end{aligned}$ |  |  | ${ }^{\text {a }}$ gestern | i går | i－gaar |  |
| Spring |  |  |  | hling | vår | foraar | vor |
| Summer | ${ }^{\text {a }}$ sumer | as | ${ }^{\text {z }}$ zomer | mmer | ${ }^{\text {E }}$ sommar | mmer | sumar |
| Autumn | ${ }_{\text {x }}$ winter | e wintrus |  | s wint | ${ }^{\text {E }}$ vinter | $\begin{aligned} & \text { efteraar } \\ & \text { evinter } \end{aligned}$ | haust e wetur |
| －Numerals． |  |  |  |  |  |  |  |
| ${ }^{\text {H One }}$ |  | ${ }_{\text {H }}{ }^{\text {mains，}}$ aina | ${ }_{\text {E }}^{\text {H }}$ een | ${ }_{\text {Hen }}^{\text {Heins，ein }}$ | ${ }_{\text {H }}^{\text {Hen }}$ | ${ }_{\text {E }}^{\text {Heen }}$ | ${ }_{\text {H }} \mathrm{e}$ ein |
| Two | $\begin{aligned} & \text { Etwa, } \\ & \text { twe } \end{aligned}$ | etwai，twa | Etwee | ezwei | x tvă | Eto | ¢ tvö |
| ${ }^{\text {H }}$ Three | ${ }_{\text {E }}$ threo，thry | 甚thrins | ${ }_{\text {E }}^{\text {E }}$ drie | ${ }_{\text {Hem }} \mathrm{drei}$ | ${ }_{\text {Hex }}$ | ${ }_{\text {E }}^{\text {H }}$ tre | ${ }_{\text {E }}$ thrir |
| Four | Efeowr | Efidwor | evier | ${ }^{\text {e vier }}$ | x fyra | $x$ fire | fiorir |
| Five | ${ }_{\text {e fif }}$ | efinf | ${ }_{\text {E vyf }}$ | ${ }_{\text {x fuinf }}$ | ${ }^{\text {x fem }}$ | ${ }^{\text {e fem }}$ | effim |
| ${ }^{\text {H }}$ Hix | ${ }_{\text {H }}^{\text {H }}$ Sis | ${ }_{\text {H }}^{\text {H }}$ saihs | ${ }_{\text {Hzes }}$ | ${ }_{\text {He }}{ }^{\text {sechs }}$ | ${ }_{\text {H }}^{\text {Hex }}$ Sex | ${ }_{E}^{\text {Hex }}$ sex | ${ }_{\text {E }}^{\text {Hex }}$ Sex |
| ${ }^{\text {HSeven }}$ | ${ }_{\text {H }}^{\text {He }}$ seofen | ${ }_{\text {Ex }}^{\text {Ex }}$ sibun | ${ }_{\text {E }}^{\text {z }}$ zeven | ${ }_{\text {H }}{ }^{\text {H }}$ Sieben | siu | ${ }_{\text {His }}^{\text {Sýv }}$ v | siö |
| ight | weahta | mahtan | macht | macht | motta | maatte | atta |
| Nine Ten | enigun | enihun <br> etaihun | ェ negen Etien | ェ neün Ezehn | Enijo | $\begin{aligned} & \text { Eni } \\ & \text { etin } \end{aligned}$ | Eniu |
| xiII－Colours． |  |  |  |  |  |  |  |
| Black | sblac， sweart | ${ }^{\text {I }}$ Swart | ${ }_{\text {Hwart }}$ | ${ }^{\text {H }}$ schwartz | Hswart | ${ }^{\text {H }}$ Sort | bleika |
| White Red | Ehwit | zqueit |  | E weiss <br> eroth | ェhvit в röd | Ehvid，huit m röd | shvít E raudt |
|  |  |  |  |  |  |  |  |
| Blind <br> Deaf． | sblind edeaf | x blinda bauths | sblind <br> x doof | sblind taub | sblind edöf | $\begin{aligned} & \text { Eblind } \\ & \text { edöv } \end{aligned}$ | ェblindur heirnalaus |
| Before | ebefore， beforan | efa |  |  | framför， innan | Eforan | rirfram |
| Behind | x behindan |  |  | mhintan | efter | agv | ept |
| I | mic | Eik | Eik | Eich | Ejag | sje | ${ }_{\text {sjeg }}$ |
| ${ }^{\text {HThou }}$ |  | ${ }_{\text {E }}$ thu | ${ }_{\text {Her }}^{\text {Her }}$ du | ${ }_{\text {en m }}{ }^{\text {d }}$ du | ${ }_{\text {E }}^{\text {E }}$ du | ${ }_{\text {E }}{ }^{\text {dü }}$ | pư（thú） |
| ${ }^{\mathrm{H} \mathrm{He}}$ | ${ }^{\text {ER }} \mathrm{E}$ | jains，is |  | er |  | han | hann |
| We |  |  | zy |  | hon，henne |  |  |
| Ye | age | ejus |  | ihr | de | de |  |
| They | ${ }^{\text {E thege }}$ | ${ }_{x}$ thai，thaim |  | esi | mde | ${ }^{\text {H }} \mathrm{dem}$ |  |
| East | s east | urruns | ${ }^{\circ} 00$ | most | most，osten | most | us |
| We | ewest | saitwa | ${ }_{\text {e }}$ WeS | ${ }^{\text {en wiwesten }}$ | e vester | \＆vest | ulistur |
| North <br> South | Enorth |  | moord | m norden msüden | enord e söder | enord Esÿd | snordur E sudur |
| H 8. | H 8．E 34. | H． 8 | H 7 | H 9．E | H6．E 2 | H8．E28 | H4．E23． |


| Hebrew. | Arabic. | Syriac. | Coptic. | Persian. | Hindostani. | Turkish. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| youm | ${ }^{\text {H }}$ yaum | ${ }^{\mathrm{H}}$ yum | ${ }^{\text {H }}$ ehoou | raz | din, roz, youm | $\mathrm{H} \text { gûn }$ |  |
| laila | Hilat | ${ }^{\mathrm{H}}$ laila |  | shab | rat, shub | gijeh |  |
| ha youm | ${ }^{\mathrm{H}}$ al yaum | ${ }^{\text {H }}$ yaumono | mphoou | amruz | aj, imroz | bu guro |  |
| machar | ghada | ${ }_{\mathrm{H}}^{\mathrm{H}}$ mechar | rasti | fardah | $\begin{gathered} \text { kul, fur- } \\ \text { dah } \end{gathered}$ | yarin |  |
| etmoul | amss | ${ }^{\text {Hethmol }}$ | nesaf | diruz | $\begin{gathered} \text { kul, pich- } \\ \text { ladin } \end{gathered}$ | dûn |  |
| abib | rabih | нabiba $\text { H}_{\text {kaito }}$ | hē, pshom | bahar | buhar | bahar |  |
| qaitz choreph | sief ${ }^{H} k$ harif | ${ }^{H}$ kaito <br> alul | maiē | tabistan, sief ${ }^{\text {maherjan, karif }}$ | gurmi, tabistan <br> khizan | ${ }^{H}$ yaz son bahar |  |
| sathav | shita | ${ }^{\text {H }}$ Sathvo | phro | zamistan | jara | qish |  |
| achad | ${ }_{\text {E }} \mathrm{H}$ wached | ${ }_{\text {H }}^{\text {H }}$ chad | ${ }_{\text {E }}^{\text {H }}$ OUōt | yek | ek | bir |  |
| sh'naim | ${ }^{\text {Hathnein }}$ | treen | ${ }^{\text {S }}$ Snau | edu | edo | eki |  |
| sh'losh | ${ }_{\text {E }}^{\text {E }}$ thatlatha | ${ }_{\text {E }}^{\text {H }}$ toltho | schoment | seh | tīn | utch |  |
| arba | ${ }^{\text {H }}$ arbaaha | ${ }^{\text {H }}$ arbho | eftoow | chehar | char | dord |  |
| chmesh | ${ }^{\text {H}}$ khamsat | ${ }^{\text {Hechamsho }}$ | tow | banj | ${ }_{\text {H }}{ }^{\text {p }}$ ansh | Hbesh |  |
| shesh sheba | Setat | ² Shetho ${ }_{\text {E }}^{\text {She }}$ Shabho | soou | ${ }^{\text {E }}$ E Shish | " ${ }^{\text {cheheh }}$ sát | alti |  |
| sh'mone | thamanyat | ${ }^{\text {H }}$ temonyo | ${ }^{\text {H }}$ schemoun | Exasht | ${ }^{\text {E a a }}$ a | sechis |  |
| tisha. | ${ }^{\text {H }}$ tasaahat | ${ }^{\text {Hesho }}$ | psit | eno | ${ }^{\text {E }}$ no | doghus |  |
| eser | ${ }^{\text {Ha}}$ ashat | ${ }^{\mathrm{H}}$ esro | mēt | dah | das | on |  |
| schur | aswad | ūkomo | kams | siah | kala, siyah | qarah |  |
| laban <br> adom | abiad ahmar | chevor sumoko | subash | sapid | sûfed <br> lal | biyaz qizil |  |
| iver <br> cheresh | $\begin{aligned} & \text { amah } \\ & \text { Hattrash } \end{aligned}$ | samio <br> ${ }^{\text {H }}$ charesh | belle <br> ${ }^{H}$ kauri | cur | undha, kor baihra | kur saghir |  |
| liphnei | kidam | le-ein, kědom | khadgō | peesh | peshtur | evvel |  |
| l'achour | khalf | chartho | mepepso | pass | pīchle | sonrah |  |
| ani | ${ }^{\text {Hana }}$ | ${ }^{\text {Heno }}$ | ${ }^{\text {H }}$ anok | man | main | bin |  |
| ata | ${ }^{\text {H }}$ ant | ${ }_{\text {E }}$ Et | ${ }^{\text {Hentok }}$ | ${ }_{\text {E }}{ }^{\text {ta }}$ tu | ${ }_{\text {E }}$ tu, tain | sen |  |
| hû | ${ }_{\text {H }}^{\text {Hup }}$ | ${ }_{\text {E }}^{\text {H }}$ hau | entof |  | ${ }_{\text {H }}{ }^{\text {E w }}$ whh, usne | ol |  |
| hi | ${ }_{\text {E }} \mathrm{Hi}$ | ${ }_{\text {E }} \mathrm{H}$ hoi | entas | o, or ${ }^{\text {H }} \mathrm{hi}$ | wuh | ol |  |
| anû atem | nahin |  | ${ }^{\text {Hanon }}$ | ma | $\begin{aligned} & \text { ham } \\ & { }_{\text {H tum }} \end{aligned}$ | biz |  |
| heima | ${ }^{\text {H }}$ hum | ${ }^{\text {H}}$ honeen | entoten entoou | ${ }^{\text {H }}$ Shuma | we | anler |  |
| mizrah | shark | madnicho | mapshai | wartghap | purub | gun toghusi |  |
| erebh ts'phoun daroum | ${ }^{\text {H }}$ gharb <br> shimal <br> kubli | ${ }^{H}$ maharbo garboyo taimono | maphotep pemhit rēs | ${ }^{\text {H }}$ gharb tarapi, shimal jauoob | puchchhum <br> uttur <br> dukhun | bati <br> yildiz <br> kibleh |  |
|  | H 20. E 5. | H 24. E 7. | H8. E2. | H5. E6. | H 5. E 5. | H. 3. |  |







FAMILY.


## TABLE OF AFFINITIES.

The following table exhibits the approximate ratio of affinity which each language bears to the Hebrew and English, as indicated in the preceding Comparative Vocabulary: the whole number of 146 words being taken as a common standard. All the languages are arranged in ten * distinct classes/viz.:I. Gothic and Saxon family. II. Shemitic family. III. Greek and Latin family. IV. Celtic family. V. Sclavonic family. VI. Sanscrit family. VII. Chinese family. VIII. Polynesian family. IX. African family. X. North American family:-


[^2]
## CONCLUDING REMARKS.

I.-All the languages of this Vocabulary are evidently related to the Hebrew and English, as appears by inspection of it, and of the Table of Affinities. And, while the several languages of each of the ten classes, or families, are specially related to each other, there is an obvious mutual relation subsisting amongst all the languages composing the ten classes.
II.-These important languages, selected from Europe, Asia, Africa, and America, may be considered as the representatives of all the languages and dialects of the earth. Therefore we may, by fair induction, founded on the facts just stated, conclude that a mutual relationship subsists amongst all the languages of the world, and that all are derived from one common stock. We have assumed the Hebrew to be the original parent stock-1st, because of its simplicity and purity; 2ndly, because all its derivatives can be traced to native roots which have their appropriate meaning in the language; 3rdly, because it is the most ancient written language we have any authentic record of; and, 4thly, because it is the language which God Himself chose for communicating His will to man.

The faithful and intelligent Christian will readily admit the supreme authority of the Bible in determining all questions in which its voice is clear and distinct. And therein we find it plainly recorded that all the nations, scattered over the earth, are of "one blood," and are all descended from Adam, the first man who was created. We also find it clearly stated that all his descendents had one language, not only before the Deluge but down to the time of the building of Babel, when Jehovah frustrated the designs of the proud and impious builders, by confounding their language and dispersing them abroad upon the earth. Thus we have an authentic and divine record of the original unity of nations and of language. And the conclusion to which we have been led in the preceding inquiry, by tracing out the affinities which manifestly exist amongst the present languages spoken by man, harmonises with the infallible testimony of God. Therefore we consider all the speculations of men, which wilfully ignore and contradict this sure testimony, as idle and impious. ${ }^{\text {" }}$

[^3]These anthropological gentlemen seem anxious to claim an affinity with the brute creation, and, like Darwin and Lord Monboddo, their leaders, are probably desirous of tracing their pedigrec to the ape, or orang hutan-the wild man of the forest. Most people have an honourable ambition to rise in the social scale, and usually claim an affinity with some honourable or noble family, but these gentlemen have a strange grovelling propensity, and would gladly find themselves associated with monkeys or donkeys in their origin, and perhaps regret the want of a tail to prove conclusively their connexion with the former, or of long ears to show their brotherhood with the latter. These wise philosophers having rejected the sure testimony of God, they follow the ignis fatuus of their own foolish hearts and blinded understandings, and will be led into the quagmire of atheism and all its filthy abominations. Let me sound an alarm in the ears of Christian young men of this generation, and earnestly exhort them, as they value the favour and blessing of God, and their own eternal salvation, to beware of this vain philosophy, falsely so called: Lord Monboddo and Darwin, with their associates, are blind leaders of the blind, and both they and their deluded followers will assuredly fall into the ditch. (See the 1 st chapter of Romans.)
III.-By inspection of the "Table of Affinities," it is apparent that the Anglo-Saxon and Gothic family of languages stands in close relationship to the Hebrew; the Syriac and Arabic alone, of the whole 48 languages compared, taking precedence of them. The Saxon stands first in this class, rising to No. 34 in the Scale of Affinity with the Hebrew, being 2 degrees above the Gothic. The English and German also rise to an honourable position, being nearly upon an equality at
formation of an organised association, known as the Anthropological Society of London, including among its members names of eminence in literature and science. The professed object of this society is, 'the study of Anthropology in a strictly scientific manner. It proposes to study man in all his leading aspects, physical, mental, and historical ; to investigate the laws of his origin and progress ; to ascertain his place in nature, and his relations to the inferior forms of life ; and to attain these objects by patient investigation, careful induction, and the encouragement of all researches tending to establish a de facto science of man.'* To all purely scientific research, conducted with a becoming reverence for God's Word, whenever the subject-matter approaches that on which we have a Divine revelation, I would say, let every encouragement be afforded. (But) the circumstance that the subjects here proposed for investigation are those on which we have an unmistakable revelation from God, while this is entirely ignored in papers published and circulated by the Society, $\dagger$ of necessity compels us to conclude that the objects proposed are virtually, though not ostensibly, in direct opposition to the Word of God. Such effort must, therefore, sooner or later, defeat its own purpose, and become an instrument of illustrating that very truth it would undermine.
"But, meantime, many unstable minds, not unaccustomed to a deceitful handling of God's Word, may be beguiled by the subtlety, and an incalculable amount of mischief may be accomplished.
"Although I am personally unknown to the secretaries and each member of the council of this Society, yet they have sent me a written invitation to unite with them and further their objects. It is therefore probable that many others have received a similar invitation. That Christian pastors, and others who love the truth, may be alive to this source of danger, is my object in addressing you.-I am, \&c.,
"E. A. P."

* "Circular published by the Society."
$\dagger$ "For example, the President's Anniversary Address."

Nos. 32 and 31. From this scale it also appears that about one-fourth part of the words in our own Saxon tongue bears an affinity with the Hebrew, either in a primary or secondary degree. This, of course, can only be inferred with regard to the pure Anglo-Saxon part of our language, for such words alone have been selected for this Vocabulary. And not only in words does this close affinity exist between our original mother tongue and the Hebrew, but in the arrangement of ideas and the simple structure of sentences it has also a near agreement. And for this reason it is comparatively easy to translate the Hebrew Scriptures into English. This similarity between the two languages was noticed by Tyndal, the first translator of the Hebrew Bible and Greek New Testament into English. He said, "The Greke tongue agreeth more with the Englyshe than with the Latyne; and the properties of the Hebrue tongue agreeth a thousande tymes more with y Englyshe than with the Latyne."

Other collateral evidences of our alliance with Israel have been observed and pointed out by different writers, and by none more carefully, amply, and minutely than by Mr. John Wilson, the author of "Our Israelitish Origin." The Gothic and Saxon nations which crossed the Danube in vast numbers, and made irruptions into the Roman Empire in the fourth and fifth centuries, gradually settled within its boundaries, and formed the ten Gothic and Saxon kingdoms, which still exist, and were distinctly foretold by the Prophet Daniel, and also by St. John in the Revelation, under the symbol of the ten-horned wild beast. Mr. Wilson has traced up historically these nations to the same locality to which the ten tribes were taken by the King of Assyria, viz., on the borders of the Caspian and Black Sea. He then adduces various points of resemblance or identity between the Saxon laws, government, constitution, municipal and domestic institutions, customs, manners, spirit, and character of the Anglo-Saxons and those of Ancient Israel. Israel was to be "the Lord's measuring line," or the means through which the other nations of the earth were to be evangelised, and finally united under the righteous and peaceful government of "the Prince of Peace." The Anglo-Saxon race, including our brethren in the United States of America, and the northern nations of Europe which are Protestant, now occupy the place of Israel in fulfilling this purpose of the Divine mercy. And upon England especially this high honour has been conferred, of taking the lead to send ambassadors of peace to the remotest nations upon the earth. The vast extent of England's dominion, and the number and variety of nations subject to the sceptre of her Queen, are unexampled in ancient or modern times. And for what purpose has all this power and dominion been given to our small island, except for that of becoming a blessing to the nations, by making known His truth and salvation to all. The obligations and duties of England must be correspondent to her superior blessings and privileges enjoyed from the Sovereign Ruler of nations. But, like Israel of old, she has sadly failed in fulfilling the gracious purposes of Jehovah. Ambition, and thirst of worldly gain, have been the ruling motives of vast multitudes of our countrymen who have gone abroad. A few only
are found faithful in the land to their gracious Lord and Saviour, who unite heart and hand in sending the Gospel to the heathen.

Thus, philological and ethnological evidence concur in proving the close connection of the English and Hebrew nation.

The English language has also a remarkable affinity with the Persian. In the "Table of Affinities," the latter, it will be observed, ranks No. 28 in its relation to the English, and 17 to the Hebrew. The Hindostani also, which is the HindoPersian spoken in Upper India, comes pretty near it, being 26. Many words in these two languages are almost the same as in English, and particularly those relating to family kindred: as Fader, Moder or Mudar, Brudar. I have noticed some English words and phrases, which are evidently from the Persian : for instance, Reynard signifies fox in Persian; and quack .(an irregular medical practitioner) is an appellative for doctor in Persian.

Many national customs, laws, manners, \&c., of the Persians, seem to assimilate them with ourselves. This coincidence is a further corroborative evidence of our Oriental origin.
IV.-The Celtic nations-viz., the Welsh, Irish, and Gaels, especially the former-in their most ancient traditions and annals, preserved in the Triads, point to the East, or Summer Country (Taprobani), as the original seat of their ancestors. But their languages stand much lower in the Scale of Affinity to the Hebrew than the English and other Saxon and Teutonic languages.

The Cornish and Manx also take the same rank with them; and the Welsh of Armorica in Normandy probably sustains the same inferior relation to the Hebrew. Our learned Cambrian brethren may differ from me on this subject, and, with some of their predecessors, men of eminent learning and research, may still claim for their ancient and refined language a closer affinity with the Hebrew than I have assigned to it in the "Table of Affinities." I can only say that $I$ have endeavoured to maintain an equitable judgment in the matter."
V.-As a general rule, then, we may observe that the languages here compared bear a corresponding relation to the Hebrew and English, i.e., a language that ranks high in its affinity to the Hebrew, also stands proportionably high in relation to the English; there are, however, some exceptions to the rule.
VI.-My researches have not been sufficiently extensive to enable me to class properly the Turkish and Hungarian. They are probably of Tartarian origin. The Hungarians and Bohemians being near neighbours, under the Austrian rule, and their languages having both been furnished by Dr. Pinkerton, they were therefore included in the same class; although they differ widely in their affinity with the Hebrew and English. While the Hungarian stands low in both respects, the Bohemian takes a third or fourth class rank with the Hebrew, and stands high in affinity with the English.

[^4]VII.-As an evident and striking proof of the affinity of nations as well as of languages, we may adduce the Chinese. In population and antiquity they rank higher than any other known nation; comprising one-third of the human family, and having authentic history extending back 4,000 years, showing that they have been settled in China from a very early period, probably soon after the general division of tongues and dispersion at Babel. Although from their comparative seclusion for many ages, they have preserved their distinct nationality-in language, laws, customs, \&c.-yet there are sufficient proofs of their having been members of the family of Noah, from the affinity of language, ancient tradition of the deluge, (nearly agreeing in time with that of the Mosaic record,) their patriarchal form of government, priesthood, and sacrifices, \&c.

Eleven words have been marked out in the Chinese part of this Vocabulary, as having an affinity with the Hebrew and English: and in some instances the same word is evidently related to both these languages. Thus-


These words of the Chinese Vocabulary, it must be remembered, are entirely undesigned and unsought-for coincidences with the Hebrew and English : as the Chinese teacher who wrote them out had no thought or intention of that sort.

In the simplicity of its colloquial tongue, and also in its construction, it resembles the Hebrew and English. M. Remusat, the eminent Parisian professor of Chinese, remarked that in the arrangement of their words, or syntax of a sentence, the Chinese observe a natural order of ideas. This is manifest to any one acquainted with their most popular works, such as the San Kwoh, or History of the Three Kingdoms. Their literary men indeed depart from this simple and natural style,
and abound with inversions, which often render their books obscure and unintelligible to ordinary readers: difficulty and obscurity being esteemed as special excellencies by such learned pedants. The colloquial language of the people also agrees with what Remusat terms the natural order of ideas.

In dispersing abroad copies of my Prospectus, I have had occasion to correspond with a rather wide circle of friends and clerical brethren, known and unknown. And from not a few I have received cheering letters of encouragement, expressing confident anticipations of good resulting from the publication of this and two other small works in these last perilous times, when the truth of God's Word is daringly and recklessly assailed. From the late venerable and beloved Dr. Marsh I received, a few weeks before his death, a short characteristic note, written in a bold distinct hand, from which I venture to make an extract-

[^5]I also here gladly avail myself of the opportunity of recording my grateful acknowledgments of very substantial tokens afforded me by several kind friends liberally subscribing for two, seven, and ten copies of each work. I venture to give the name of one of these kind friends, much revered and honoured for his able, sound, and learned works in support of the truth, viz., the Rev. Canon Benson. His very kind and encouraging letter inclosed a cheque for $£ 5$, in prepayment for ten copies of each work, but with the stipulation that he would only take three or five copies at most from me.

From some to whom the Prospectus was sent, and usually accompanied by an explanatory and friendly letter, I have received no reply. Several of these were old friends, and from such I looked for some token of encouragement. Perhaps they are waiting to see the works out before they venture to purchase. I cannot blame their prudence, though I hoped for their confidence and early favour.

Two of my correspondents have thrown out useful hints and cautions, which have induced me to reconsider the conclusions I had come to in Philology, and to search afresh the foundations on which they rested. This reconsideration of important points, and general revision of arguments, have confirmed me in the belief of the stability of the ground on which I have rested. I regret that I am not at liberty to mention the name of one of these correspondents, or to publish his letter, in which he doubted the correctness of my main position, respecting Hebrew being the mother of all languages, and thought it unwise "to stickle" for the honour of the Hebrew in this respect. "Many," said he, "get upon their hobbies and ride them to death." The following was my letter in reply:-
"Rev. and dear Sir,-I am glad to hear you are much interested in Comparative Philology. I see you demur to my primary position, that the Hebrew must be considered as the parent stock of all languages. I am well aware that Philologists, generally, give a preference either to the Arabic or Sanscrit, but without any satisfactory reason. The sure testimony of the Word of God is either ignored or slighted on this, as well as on many other subjects. It certainly appears to me a very obvious inference from the Inspired Record, that Hebrew was the only language spoken by men down to the period of the building of Babel, and was substantially preserved by one branch of Noah's family, viz, Shem, after that event.
"The fact of God's having chosen this language, to record His will to man, from the beginning, is strong evidence in its favour. Its plainness and purity also add to this evidence: for, divested of the points, and with the vowels properly restored, which were removed by the writers of the Masora, it is an incomparably plain and expressive language, and bears the Royal stamp of its Divine origin.
"If this first position of mine be granted, then, I think, the obvious affinity subsisting amongst all languages, as exhibited in my Comparative Vocabulary, will establish their common relationship to each other, and to the Hebrew as their original source. It may be objected that my data are not sufficient to warrant such a general conclusion : the number of languages in my Vocabulary, perhaps, not being more than one-third of the known languages of the earth ; but yet, I think, they must be considered as being representatives of the whole family. And having proceeded, in my inquiry, into their relationship, by the safe and cautious method of induction, I think my conclusion is fully warranted, and established upon the most probable grounds. I do not say that it is mathematically demonstrated, although I have entered into numerical calculations. The result, however, is, I think, a near approximation to truth on the subject.
"A considerable affinity has been traced, by German Philologists, between the Teutonic languages and the Sanscrit. But a still closer affinity subsists between the former and the Hebrew, as will be evident by an inspection of the Vocabulary. For instance : the English has double the number of words affiliated with the Hebrew, compared with what it has with the Sanscrit.
"The Sanscrit is much more remotely connected with the Hebrew and Arabic, than the Gothic and Saxon languages are with the same.
" Yours, \&c., J. T."
I shall now make some extracts from a correspondence with the Rev. Samuel Fenton, bearing upon the Welsh language. His intimate knowledge of the language and connexion with Wales give special value to his critical remarks. His zeal for the antiquity and honour of the language of the Cymry will, I doubt not, be as readily excused by my readers as by myself.

In his first letter he says:-"I am glad to hear that you know something of Welsh; because it is evident from the circumstance of its idioms being so akin to those of the Hebrew, that it is a very ancient language. The languages, which have the shortest words, may be considered primitive languages; and this is a peculiarity of the Welsh, in which even letters are significant, of which the following is an example: Eve a $a=$ Eve he, a will, a go. Termen, a boundary, is not a Latin, but a purely Armorican Welsh word; while Terminus is a Latin word derived from it. In the Welsh language there are no such expressions as to go up, come down, and go out; but the expressions are, go to the mountain, go to the ground, go to the open field. The names of the four seasons are primitive. Gwanwyn, the Spring, is literally Tender lambs. Hâf, Summer, literally Fulness; Hydrev, the Autumn, literally to home; for then the fruits of the earth are led home. Ganaf ( $f$ is sounded like $v$ ) the shutting of Summer = Winter." Having intimated to Mr. F. that I found after a close scrutiny of my Vocabulary that the Welsh occupied an
inferior position in relation to the Hebrew compared with the English, which circumstance I feared would not be acceptable to the learned Cymry; my zealous correspondent replied:-"I think that the Welsh Literati will indeed be dissatisfied with the position you have assigned the British language. I was told by the late learned Dr. Alexander Nicholl, Oxford Professor of Hebrew, who knew most of the Oriental languages, that he considered the Welsh language the nearest to the Hebrew, the idioms of which it expresses most exactly. He told me that the circumstance of its having the possessive and primitive pronoun, from which the possessive is derived, each side the noun substantive, was a sign of the Welsh being one of the most ancient languages of the world. In illustration, 'My Son' would be thus in Welsh, vy mab i, literally My Son $I$.
"I cannot conceive how you contrive to place the language of the Cymru 'below that of our own language in relation to the Hebrew,' the idioms of which Dr. Davies, once rector of Mallwyd, a very learned Hebrew scholar, says, the Welsh language 'Exprimit ad vivum.' I trust that you will reconsider this subject."

My readers will now expect something in my own defence. The following was my principal reply :-
"My dear Sir,-I note what you say further in your last letter of August 31st, regarding the similarity of the Welsh to the Hebrew in its structure and idioms, and the eminent authorities you adduce on the subject. But it was not my design to enter into the peculiar idioms or grammatical structure of the Welsh, or indeed of any other language.
"My plan was simply this-1st, to make out a list of about 150 English words, (pure Anglo-Saxon,) plain, simple, and important, relating to various branches of human knowledge, and such as were likely to have corresponding words in almost all other languages. 2ndly, I got friends in various parts of the world to furnish me with the languages they were familiar with, aided by native teachers; and requested them to give me the simplest and plainest words in the several languages.
"The Welsh I got myself from a competent native scholar, exactly in the same manner, without reference to any ultimate design of comparison.
" $3 \mathrm{rdll} y$, I then carefully compared all the words in the various languages with the Hebrew, marking the degree of affinity which any word had to it by No. 1 or 2 , the former figure indicating a near affinity, the latter a more remote one to the Hebrew. I then took the sum total of affinities of each language to the Hebrew, which determined its relative position to the Hebrew as the parent stock. In the same manner I ascertained the relation which all the other languages (except the Hebrew) bore to the English. In this comparison I was guided principally by the well ascertained mutations and interchanges of consonants, well known to philologists as being common to almost all languages.
"I endeavoured to be strictly impartial. Yet my work is doubtless very imperfect, although I have often revised it.
"I may just remark that the proof adduced by Dr. Nicoll, of the affinity of the Welsh to the Hebrew, does not strike me as being conclusive, viz.: in having the possessive pronoun prefixed and the primitive pronoun affixed to the noun substantive. For, "My Son" is in Hebrew, Beni, and not as in Welsh, vy mab $i$, so in like manner my Father, my Mother, אמי .אבי.

I now insert Mr. Fenton's last letter up to this time, dated September 29th,
which will, I think, gratify and interest most of my readers as much as they have gratified myself.
"Sandown Park, Wavertree, 29th Sept., 1864.
"My dear Sir, -In reply to your letter of the 27 th, you are at perfect liberty to insert in your philological work my notions on the Welsh, if you think them worth notice. As I know scarcely anything of Hebrew, I am not competent to say anything about it, except that it contains very short words ; and I, therefore, consider the language comprising the shortest words, and whose single letters are significant as verbs and auxiliaries to verbs, and whose first uncompounded tense is the Future, to rank very near, if not the nearest one to the Hebrew, which I believe is the mother language of the world.
"In addition to what I have herein and in a former letter said to you, with reference to the Welsh language, I will mention some particulars which may interest and perhaps surprise you.
"1. The Welsh is the easiest of all languages to be read with perfect accent when once the student is master of the alphabet ; as there is only one general rule and only one exception as to where the accent is to be laid. The rule is that the accent is to be laid on the antepenultima, except in the case of words ending in hau, which syllable is to be pronounced as if it were spelt hai, the ai sounded like ai in кal. As in the words, ByrHau to shorten, Bywhau to vivify, Arwyddochau to signify; the double d in which is to be sounded like th soft, as in the English words тнat, тнere, тнis, тнence, тнem.
"2. There were, till lately destroyed by fire, copies upwards of a thousand years old, of MSS. which were very old ; yet, so little has the Welsh suffered from time and change, that the language of these MSS. is as intelligible as the language of the Welsh people at present, and the Orthography is that of the present day.
"3. There is no such thing as a putois of the Welsh language. The meanest and most illiterate peasant never violates the rules of grammar, but expresses himself in a correct and classical manner; and if an Englishman has learnt the Welsh so as to speak it with tolerable fluency, and should, in conversing with a Welsh peasant, make a mistake in his grammar, however nice and delicate the point may be, a smile will be noticed on the peasant's countenance.
"4. I believe the exceptions to the rules of the Welsh grammar will be found fewer than those in any other language. There are certain consonants which undergo mutations, and in regard to these there is no exception. For instance : the consonant $M$ is mutable. Vy mam is my mother. The initial $m$ in this word is changed into $V$, after the possessive pronoun of the second person in the singular number ; as, dy Vam thy mother, and such mutation in every substantive in the language takes place, which commences with the letter $M$; and such is the case with all the other mutable consonants. T changes into D after the second person possessive pronoun $T \hat{a} d$ a father, $D y D \hat{a} d$ thy father ; and such is the mutation, without exception, every word in the language undergoes, commencing with $T$ after that possessive pronoun.
"SAMUEL FENTON."

[^6]
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[^0]:    * e final is usually silent as in English, and merely lengthens the preceding vowel.

[^1]:    * In revising and completing the Swedish I was kindly and ably assisted by Professor Georgii, of London.

[^2]:    *This classification into ten families of languages was adopted after the first eight pages of the tables were printed off, being thought preferable to that of eight families.

[^3]:    * The following letter on a new society which has just sprung up in London, called "The Anthropological Society," addressed to the editor of the Record, of June 20, 1864, may be here appropriately quoted, in illustration of my remarks above :-
    "Sir,-Among the cunning devices of our spiritual adversary, one which threatens to exert considerable influence among a large and important class, especially medical and chemical students, is the

[^4]:    * Extracts from corrospondence bearing upon the Welsh language and its affinity to the Hebrew will be found below.

[^5]:    "Dear Mr. Tomlin,-Though I am overburdened at this time as to my purse, and my table with books, yet I must have some memorial of you-so will you put down my name as a subscriber for one copy of 'Comparative Vocabulary.' I have heard of a war of words-what a warrior you have been-and what a conqueror you are !
    "May your labours be greatly blessed, till the happy period arrive when our Lord shall turn to the people a pure language, and all shall serve Him with one consent."

[^6]:    "Rev. J. Tomlin."

