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A

GRAMMAR

OF THE

HEBREW LANGUAGE.

BY

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P R E F A C E.

THIS work was begun at the instance of my friend, preceptor, and colleague, DR. J. ADDISON ALEXANDER. The aid of his counsels and suggestions was freely promised in the undertaking; and he was to give to it the sanction of his name before the public. It appears shorn of these advantages. A few consultations respecting the general plan of the book and the method to be observed in its preparation, were all that could be had before this greatest of American orientalist and scholars was taken from us. Deprived thus early of his invaluable assistance, I have yet found a melancholy satisfaction in the prosecution of a task begun under such auspices, and which seemed still to link me to one with whom I count it one of the greatest blessings of my life to have been associated.

The grammatical system of Gesenius has, from causes which can readily be explained, had a predominance in this country to which it is not justly entitled. The grammar of Prof. Stuart, for a long time the text-book in most common use, was substantially a reproduction of that of Gesenius. Nordheimer was an adherent of the same system in its essential features, though he illustrated it with wonderful clearness and philosophical tact. And finally, the smaller grammar of Gesenius became current in the excellent translation of Prof. Conant. Now, while Gesenius is unquestionably the prince of Hebrew lexicographers, Ewald is as certainly entitled to

the precedence among grammarians; and the latter cannot be ignored by him who would appreciate correctly the existing state of oriental learning.

The present work is mainly based upon the three leading grammars of Gesenius, Ewald, and Nordheimer, and the attempt has been made to combine whatever is valuable in each. For the sake of a more complete survey of the history of opinion, the grammars of R. Chayug, R. Kimchi, Reuchlin, Buxtorf, Schultens, Simonis, Robertson, Lee, Stier, Hupfeld, Freytag, Nägelsbach, and Stuart, besides others of less consequence from Jewish or Christian sources, have also been consulted to a greater or less extent. The author has not, however, contented himself with an indolent compilation; but, while availing himself freely of the labours of his predecessors, he has sought to maintain an independent position by investigating the whole subject freshly and thoroughly for himself. His design in the following pages has been to reflect the phenomena of the language precisely as they are exhibited in the Hebrew Bible; and it is believed that this is more exactly accomplished than it has been in any preceding grammar. The rule was adopted at the outset, and rigorously adhered to, that no supposititious forms should be admitted, that no example should be alleged which is not found in actual use, that no statement should be made and no rule given the evidence of which had not personally been subjected to careful scrutiny. Thus, for example, before treating of any class of verbs, perfect or imperfect, every verb of that description in the language was separately traced through all its forms as shown by a concordance; the facts were thus absolutely ascertained in the first instance before a single paradigm was prepared or a word of explanation written.

Some may be disposed, at first, to look suspiciously upon the triple division of the Hebrew vowels, adopted

from Ewald, as an innovation: further reflection, however, will show that it is the only division consistent with accuracy, and it is really more ancient than the one which commonly prevails.

The importance of the accent, especially to the proper understanding of the vowels of a word and the laws of vowel-changes, is such that the example of Ewald has been followed in constantly marking its position by an appropriate sign. He uses a Methegh for this purpose, which is objectionable on account of the liability to error and confusion when the same sign is used for distinct purposes. The use of any one of the many Hebrew accents would also be liable to objection, since they not only indicate the tone-syllable, but have besides a conjunctive or disjunctive force, which it would be out of place to suggest. Accordingly, a special symbol has been employed, analogous to that which is in use in our own and other languages, thus *כֵּתִיב kâtal'*.

The remarks upon the consecution of poetic accents were in type before the appearance of the able discussion of that subject by Baer, in an appendix to the Commentary of Delitzsch upon the Psalms. The rules of Baer, however, depend for their justification upon the assumption of the accurate accentuation of his own recent edition of the Hebrew Psalter, which departs in numerous instances from the current editions as they do in fact from one another. Inasmuch as this is a question which can only be settled by manuscripts that are not accessible in this country, it seems best to wait until it has been tested and pronounced upon by those who are capable of doing so. What has here been written on that subject, has accordingly been suffered to remain, imperfect and unsatisfactory as it is.

The laws which regulate the formation of nouns have been derived from Ewald, with a few modifications chiefly tending to simplify them.

The declensions of nouns, as made out by Gesenius, have the merit of affording a convenient and tolerably complete classification of their forms and of the changes to which each is liable. Nordheimer abandoned them for a method of his own, in which he aimed at greater simplicity, but in reality rendered the subject more perplexed. The system of Ewald is complicated with the derivation and formation of nouns, from which their subsequent modifications are quite distinct. The fact is, however, that there are no declensions, properly speaking, in Hebrew; and the attempt to foist upon the language what is alien to its nature, embarrasses the subject instead of relieving it. A few general rules respecting the vowel-changes, which are liable to occur in different kinds of syllables, solve the whole mystery, and are all that the case requires or even admits.

In the syntax the aim has been to develop not so much what is common to the Hebrew with other languages, as what is characteristic and distinctive of the former, those points being particularly dwelt upon which are of chief importance to the interpreter.

In the entire work special reference has been had to the wants of theological students. The author has endeavoured to make it at once elementary and thorough, so that it might both serve as a manual for beginners and yet possess all that completeness which is demanded by riper scholars. The parts of most immediate importance to those commencing the study of the language are distinguished by being printed in large type.

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PART FIRST.

ORTHOGRAPHY.

§1. LANGUAGE is the communication of thought by means of spoken or written sounds. The utterance of a single thought constitutes a sentence. Each sentence is composed of words expressing individual conceptions or their relations. And words are made up of sounds produced by the organs of speech and represented by written signs. It is the province of grammar as the science of language to investigate these several elements. It hence consists of three parts. First, Orthography, which treats of the sounds employed and the mode of representing them. Second, Etymology, which treats of the different kinds of words, their formation, and the changes which they undergo. Third, Syntax, which treats of sentences, or the manner in which words are joined together to express ideas. The task of the Hebrew grammarian is to furnish a complete exhibition of the phenomena of this particular language, carefully digested and referred as far as practicable to their appropriate causes in the organs of speech and the operations of the mind.

THE LETTERS.

§2. The Hebrew being no longer a spoken tongue, is only known as the language of books, and particularly of the Old Testament, which is the most interesting and important as well as the only pure monument of it. The first step

towards its investigation must accordingly be to ascertain the meaning of the symbols in which it is recorded. Then having learned its sounds, as they are thus represented, it will be possible to advance one step further, and inquire into the laws by which these are governed in their employment and mutations.

The symbols used in writing Hebrew are of two sorts, viz. letters (אִתֵּי־יִי־וֹת) and points (נִקְּוֵי־יִי־וֹת). The number of the letters is twenty-two; these are written from right to left, and are exclusively consonants. The following alphabetical table exhibits their forms, English equivalents, names, and numerical values, together with the corresponding forms of the Rabbinical character employed to a considerable extent in the commentaries and other writings of the modern Jews.

Order.	Forms and Equivalents.	Names.	Rabbinical Alphabet.	Numerical values.
1	א ———	אָלֶפֶת Áleph	א	1
2	ב Bh, B	בֵּית Beth	ב	2
3	ג Gh, G	גִּימֵל Gi'-mel	ג	3
4	ד Dh, D	דָּלֶת Dā'-leth	ד	4
5	ה H	הֵא Hē	ה	5
6	ו V	וָו Vāv	ו	6
7	ז Z	זַיִן Záyin	ז	7
8	ח Hh	חֵית Hhēth	ח	8
9	ט T	טֵית Tēth	ט	9
10	י Y	יּוֹד Yōdh	י	10
11	כ ד Kh, K	כַּף Kaph	כך	20
12	ל L	לֶמֶד Lā'-medh	ל	30
13	ם מ M	מֶם Mēm	מם	40
14	ן נ N	נּוּן Nūn	נן	50
15	ס S	סָמֶךְ Sā'-mekh	ס	60
16	ע ———	עַיִן Áyin	ע	70
17	פ ף Ph, P	פֶּא Pē	פף	80
18	צ ץ Ts	צָדִי Tsā'-dhē	צז	90
19	ק K	קוֹף Kōph	ק	100
20	ר R	רֵשֶׁת Rēsh	ר	200
21	ש Sh, S	שֵׁין Shīn	ש	300
22	ת Th, T	תָּו Tāv	ת	400

§3. There is always more or less difficulty in representing the sounds of one language by those of another. But this is in the case of the Hebrew greatly aggravated by its having been for ages a dead language, so that some of its

sounds cannot now be accurately determined, and also by its belonging to a different family or group of tongues from our own, possessing sounds entirely foreign to the English, for which it consequently affords no equivalent, and which are in fact incapable of being pronounced by our organs. The equivalents of the foregoing table are not therefore to be regarded as in every instance exact representations of the proper powers of the letters. They are simply approximations sufficiently near the truth for every practical purpose, the best which can now be proposed, and sanctioned by tradition and the conventional usage of the best Hebraists.

1. It will be observed that a double pronunciation has been assigned to seven of the letters. A native Hebrew would readily decide without assistance which of these was to be adopted in any given case, just as we are sensible of no inconvenience from the various sounds of the English letters which are so embarrassing to foreigners learning our language. The ambiguity is in every case removed, however, by the addition of a dot or point indicating which sound they are to receive. Thus ם with a point in its bosom has the sound of *b*, ם unpointed that of the corresponding *v*, or as it is commonly represented for the sake of uniformity in notation, *bh*; ם is pronounced as *g*, ם unpointed had an aspirated sound which may accordingly be represented by *gh*, but as it is difficult to produce it, or even to determine with exactness what it was, and as there is no corresponding sound in English, the aspiration is mostly neglected, and the letter, whether pointed or not, sounded indifferently as *g*; ם is *d*, ם unpointed is the aspirate *dh*, equivalent to *th* in *the*; ם is *k*, ם unpointed its aspirate *kh*, perhaps resembling the German *ch* in *ich*, though its aspiration, like that of ם, is commonly neglected in modern reading; ם is *p*, ם unpointed is *ph* or *f*; ם is *t*, ם unpointed *th* in *thin*. The letter ם with a dot over its right arm is pronounced like *sh*, and called *Shin*; ם with a dot over its left arm is called *Sin*, and pronounced like *s*, no attempt being made in modern

usage to discriminate between its sound and that of ט Samekh. Although there may anciently have been a distinction between them, this can no longer be defined nor even positively asserted; it has therefore been thought unnecessary to preserve the individuality of these letters in the notation, and both of them will accordingly be represented by *s*.

a. The double sound of the first six of the letters just named is purely euphonic, and has no effect whatever upon the meaning of the words in which they stand. The case of ש is different. Its primary sound was that of *sh*, as is evident from the contrast in Judg. 12 : 6 of שִׁבְבוֹלֶת *shibboleth* with סִבְבוֹלֶת *sibboleth*. In certain words, however, and sometimes for the sake of creating a distinction between different words of like orthography, it received the sound of *s*, thus almost assuming the character of a distinct letter, e. g. שִׁבַּר *to break*, שִׁוָּב *to hope*. That Sin and Samekh were distinguishable to the ear, appears probable from the fact that there are words of separate significations which differ only in the use of one or the other of these letters, and in which they are never interchanged, e. g. שִׁבָּל *to be bereaved*, שִׁבִּיל *to be wise*, סִבָּל *to be foolish*; שִׁשָּׁר *to be drunken*, שִׁוָּב *to hire*, שִׁבָּר *to shut up*; שִׁוָּב *to look*, שִׁוָּב *to rule*, שִׁוָּב *to turn back*; שִׁפָּה *a lip*, שִׁפָּה *to destroy*. The close affinity between the sounds which they represent is, however, shown by the fact that ט is in a few instances written for ש, e. g. נִסָּה Ps. 4 : 7 from נִשָּׂא Eccles. 1 : 17 for סִבָּר. The original identity of ש and ט is apparent from the etymological connection between שָׁמַיִם *heaven* and שִׁשְׁאָרָה *a vessel in which bread is leavened*; שִׁוָּב *to shudder*, שִׁוָּב *horrible, causing a shudder*. In Arabic the division of single letters into two distinguished by diacritical points is carried to a much greater length, the alphabet of that language being by this means enlarged from twenty-two to twenty-eight letters

2. In their original power ט *t* differed from ט *t*, and ט *k* from ק *k*, for these letters are not confused nor liable to interchange, and the distinction is preserved to this day in the cognate Arabic; yet it is not easy to state intelligibly where-in the difference consisted. They are currently pronounced precisely alike.

3. The letter ט has a stronger sound than ט the simple *h*, and is accordingly represented by *hh*; ט is represented by *r*, although it had some peculiarity of sound which we cannot at this day attempt to reproduce, by which it was allied to the gutturals.

4. For two letters, **ס** and **ז**, no equivalent has been given in the table, and they are commonly altogether neglected in pronunciation. **ס** is the weakest of the letters, and was probably always inaudible. It stands for the slight and involuntary emission of breath necessary to the utterance of a vowel unattended by a more distinct consonant sound. It therefore merely serves to mark the beginning or the close of the syllable of which it is a part, while to the ear it is entirely lost in the accompanying or preceding vowel. Its power has been likened to that of the smooth breathing (') of the Greeks or the English silent *h* in *hour*. On the other hand **ז** had a deep guttural sound which was always heard, but like that of the corresponding letter among the Arabs is very difficult of utterance by occidental organs; consequently no attempt is made to reproduce it. In the Septuagint it is sometimes represented by *γ*, sometimes by the rough and sometimes by the smooth breathing; thus **זְמַרְהָ** *Γόμορρά*, **זְרִי** ' *Ηλί*, **זְמַרְהָ** ' *Αμαλήζ*. Some of the modern Jews give it the sound of *ng* or of the French *gn* in *campagne*, either wherever it occurs or only at the end of words, e. g. **זְמַרְהָ** *Sh'mang*, **זְמַרְהָ** *gnāmōdh*.

§4. The forms of the letters exhibited in the preceding table, though found without important variation in all existing manuscripts, are not the original ones. An older character is preserved upon the Jewish coins struck in the age of the Maccabees, which bears a considerable resemblance to the Samaritan and still more to the Phenician. Some of the steps in the transition from one to the other can still be traced upon extant monuments. There was first a cursive tendency, disposing to unite the different letters of the same word, which is the established practice in Syriac and Arabic. This was followed by a predominance of the calligraphic principle, which again separated the letters and reduced them to their present rectangular forms and nearly uniform size. The cursive stage has, however, left its traces upon the five letters

which appear in the table with double forms ; ז פ נ מ when standing at the beginning or in the middle of words terminate in a bottom horizontal stroke, which is the remnant of the connecting link with the following letter ; at the end of words no such link was needed, and the letter was continued vertically downward in a sort of terminal flourish thus, ן ך ם ן ן, or closed up by joining its last with its initial stroke, thus ם ם.

a. The few instances in which final letters are found in the middle of words, as ם־ם־ם־ם־ Isa. 9 : 6, or their ordinary forms at the end, as ם־ Neh. 2 : 13, ם־ Job 38 : 1, are probably due to the inadvertence of early transcribers which has been faithfully perpetuated since, or if intentional they may have had a connection now unknown with the enumeration of letters or the signification of words. The same may be said of letters larger than usual, as ם־ם־ Ps. 80 : 16, or smaller, as ם־ם־ם־ם־ Gen. 2 : 4. or above the line, as ם־ם־ Ps. 80 : 14, or inverted, as ם־ם־ Num. 10 : 35, (in manuscripts and the older editions, e. g. that of Stephanus in 1541), or with extraordinary points, as ם־ם־ Gen. 33 : 4, ם־ם־ Ps. 27 : 13. in all which the Rabbins find concealed meanings of the most fanciful and absurd character. Thus in their opinion the suspended ם־ in ם־ם־ Judg. 18 : 30 suggests that the idolaters described were descended from Moses but had the character of Manasseh. In ם־ם־ Lev. 11 : 42 the Vav, which is of unusual size, is the middle letter of the Pentateuch ; ם־ם־ Gen. 16 : 5 with an extraordinary point over the second Yodh, is the only instance in which the word is written with that letter ; the large letters in Deut. 6 : 4 emphasize the capital article of the Jewish faith. All such anomalous forms or marks, with the conceits of the Rabbins respecting them, are reviewed in detail in Buxtorf's Tiberias, pp. 152 etc.

§5. All the names of the letters were probably significant at first, although the meanings of some of them are now doubtful or obscure. It is commonly supposed that these describe the objects to which their forms originally bore a rude resemblance. If this be so, however, the mutations which they have since undergone are such, that the relation is no longer traceable, unless it be faintly in a few. The power of the letter is in every instance the initial sound of its name.

a. The opinion advocated by Schultens, Fundamenta Ling. Heb. p. 10, that the invention of the letters was long anterior to that of their names, and that the latter was a pedagogical expedient to facilitate the learning of the letters by associating their forms and sounds with familiar objects, has met with little favour and possesses little intrinsic probability. An interest-

ing corroboration of the antiquity of these names is found in their preservation in the Greek alphabet, though destitute of meaning in that language, the Greeks having borrowed their letters at an early period from the Phœnicians, and hence the appended *a* of *Ἀλφα*, etc., which points to the Aramaic form אָפֶּאָ.

b. The Semitic derivation of the names proves incontestably that the alphabet had its origin among a people speaking a language kindred to the Hebrew. Their most probable meanings, so far as they are still explicable, are as follows, viz: Aleph, *an ox*; Beth, *a house*; Gimel, *a camel*; Daleth, *a door*; He, doubtful, possibly *a window*; Vav, *a hook*; Zayin, *a weapon*; Hheth, probably *a fence*; Teth, probably *a snake*; Yodh, *a hand*; Kaph, *the palm of the hand*; Lamedh, *an ox-goad*; Mem, *water*; Nun, *a fish*; Samekh, *a prop*; Ayin, *an eye*; Pe, *a mouth*; Tsadhe, *a fish-hook or a hunter's dart*; Koph, perhaps *the back of the head*; Resh, *a head*; Shin, *a tooth*; Tav, *a cross mark*.

§6. The order of the letters appears to be entirely arbitrary, though it has been remarked that the three middle mutes א ב ג succeed each other, as in like manner the three liquids ד נ ש. The juxtaposition of a few of the letters may perhaps be owing to the kindred signification of their names, e. g. Yodh and Kaph *the hand*, Mem *water* and Nun *a fish*, Resh *the head* and Shin *a tooth*. The antiquity of the existing arrangement of the alphabet is shown, 1. by psalms and other portions of the Old Testament in which successive clauses or verses begin with the letters disposed in regular order, viz. Ps. 25 (א omitted), 34, 37 (alternate verses, ב omitted), 111 (every clause), 112 (every clause), 119 (each letter eight times), 145 (א omitted), Prov. 31:10–31, Lam. ch. 1, 2, 3 (each letter three times), 4. In the first chapter of Lamentations the order is exactly preserved, but in the remaining three chapters ב and ג are transposed. 2. By the correspondence of the Greek and Roman alphabets, which have sprung from the same origin with the Hebrew.

a. The most ingenious attempt to discover a regular structure in the Hebrew alphabet is that of Lepsius, in an essay upon this subject published in 1836. Omitting the sibilants and Resh, he finds the following triple correspondence of a breathing succeeded by the same three mutes carried through each of the three orders, the second rank being enlarged by the addition of the liquids.

	Breathings.	Mutes.		Liquids.
Middle	א	ב ג ד	(כּי)	נ מ ל
Smooth	ה	ו ח ט		
Rough	ע	פ ק ת		

Curious as this result certainly is, it must be confessed that the alleged correspondence is in part imaginary, and the method by which it is reached is too arbitrary to warrant the conclusion that this scheme was really in the mind of the author of the alphabet, much less to sustain the further speculations built upon it, reducing the original number and modifying the powers of the letters.

b. It is curious to see how, in the adaptation of the alphabet to different languages, the sounds of the letters have been modified, needless ones dropped, and others found necessary added at the end, without disturbing the arrangement of the original stock. Thus the Greeks dropped ו and ק, only retaining them as numerical signs, while the Roman alphabet has F and Q; on the other hand the Romans found ט and ט superfluous, while the Greeks made of them ϑ and ξ; ג and ו, in Greek γ and ζ, become in Latin C and G, while ה, in Latin H, is in Greek converted like the rest of the gutturals into a vowel η.

§ 7. The letters may be variously divided :

1. First, with respect to the organs by which they are pronounced.

Gutturals	א	ה	ח	ע
Palatals	ג	י	כ	ק
Linguals	ד	ט	ל	נ ת
Dentals	ז	ס	צ	ש
Labials	ב	ו	מ	פ

ך has been differently classed, but as its peculiarities are those of the gutturals, it is usually reckoned with them.

2. Secondly, according to their respective strength, into three classes, which may be denominated weak, medium, and strong. The strong consonants offer the greatest resistance to change, and are capable of entering into any combinations which the formation or inflection of words may require. The weak have not this capacity, but when analogy would bring them into combinations foreign to their nature, they are either

liable to mutation themselves or occasion changes in the rest of the word. Those of medium strength have neither the absolute stability of the former nor the feeble and fluctuating character of the latter.

Weak,	{	א ה ו י	Vowel-Letters,
		א ה ע	Gutturals.
Medium,	{	ל מ נ ר	Liquids,
		ז ס ש צ	Sibilants.
Strong,	{	ב פ	} Aspirates and Mutes.
		ג כ ק	
		ד ט ת	

The special characteristics of these several classes and the influence which they exert upon the constitution of words will be considered hereafter. It is sufficient to remark here that the vowel-letters are so called because they sometimes represent not consonant but vowel-sounds.

a. It will be observed that while the *p*, *k*, and *t*-mutes agree in having smooth א ב ג and middle forms א ב ג, which may be either aspirated or unaspirated, the two last have each an additional representative א ב which is lacking to the first. This, coupled with the fact that two of the alphabetic Psalms, Ps. 25, 34, repeat א as the initial of the closing verse, has given rise to the conjecture that the missing *p* mute was supplied by this letter, having a double sound and a double place in the alphabet. In curious coincidence with this ingenious but unsustained hypothesis, the Ethiopic alphabet has an additional *p*, and the Greek and Roman alphabets agree one step and only one beyond the letter T, viz. in adding next a labial, which in Greek is divided into *v* and *ϕ*, and in Latin into U and V, as א into I and J.

3. Thirdly, The letters may be divided, with respect to their function in the formation of words, into radicals and serviles. The former, which comprise just one half of the alphabet, are never employed except in the roots or radical portions of words. The latter may also enter into the constitution of roots, but they are likewise put to the less independent use of the formation of derivatives and inflections, of prefixes and suffixes. The serviles are embraced in the

memorial words **אֵתָן מֹשֶׁה וְכָלֵב** (Ethan Moses and Caleb); of these, besides other uses, **אֵתָן** are prefixed to form the future of verbs, and the remainder are prefixed as particles to nouns. The letters **הָאָמְתִיר** are used in the formation of nouns from their roots. The only exception to the division now stated is the substitution of **ט** for servile **ת** in a certain class of cases, as explained § 54. 4.

a. Kimchi in his *Mikhlol* (מִקְלוֹל) fol. 46, gives several additional anagrams of the serviles made out by different grammarians as aids to the memory, e. g. **שְׂמַלְאֲכֵהוּ בִינֵה** for *his work is understanding*; **אֲנִי שְׁלֵמָה** *I Solomon am writing*; **כִּי־בֵן אֶךְ חֲבֵנָה** *only build thou my peace*; **מֹשֶׁה כָּתַב אֵלֵינוּ** *like a branch of the father of multitude*; **שָׂאֵל הוֹן מִכְּבֹרִי** *Moses has written to us. To which Nordheimer has added הוֹן מִכְּבֹרִי* *consult the riches of my book.*

§ 8. In Hebrew writing and printing, words are never divided. Hence various expedients are resorted to upon occasion, in manuscripts and old printed editions, to fill out the lines, such as giving a broad form to certain letters, **הֵי = ל**, occupying the vacant space with some letter, as **ק**, repeated as often as may be necessary, or with the first letters of the next word, which were not, however, accounted part of the text, as they were left without vowels, and the word was written in full at the beginning of the following line. The same end is accomplished more neatly in modern printing by judicious spacing.

§ 9. 1. The later Jews make frequent use of abbreviations. There are none, however, in the text of the Hebrew Bible; such as are found in the margin are explained in a special lexicon at the back of the editions in most common use, e. g. **וְגִמְרַר** for **וְגִמְרַר** *et completio* = etc.

2. The numerical employment of the letters, common to the Hebrews with the Greeks, is indicated in the table of the alphabet. The hundreds from 500 to 900 are represented either by the five final letters or by the combination of **ת** with the letters immediately preceding; thus **תק** or **ך** 500, **תר** or **ם** 600, **תש** or **ן** 700, **תת** or **ף** 800, **תתק** or **ץ** 900. Thou-

sands are represented by units with two dots placed over them, thus \aleph 1000, etc. Compound numbers are formed by joining the appropriate units to the tens and hundreds, thus $\aleph\aleph\aleph$ 421. Fifteen is, however, made not by \aleph , which are the initial letters of the divine name Jehovah, $\aleph\aleph\aleph$, but by \aleph 9+6.

This use of the letters is found in the accessories of the Hebrew text, e. g. in the numeration of the chapters and verses, and in the Masoretic notes, but not in the text itself. Whether these or any other signs of number were ever employed by the original writers of Scripture, or by the scribes in copying it, may be a doubtful matter. It has been ingeniously conjectured, and with a show of plausibility, that some of the discrepancies of numbers in the Old Testament may be accounted for by assuming the existence of such a system of symbols, in which errors might more easily arise than in fully written words.

THE VOWELS.

§ 10. The letters now explained constitute the body of the Hebrew text. These are all that belonged to it in its original form, and so long as the language was a living one nothing more was necessary, for the reader could mentally supply the deficiencies of the notation from his familiarity with his native tongue. But when Hebrew ceased to be spoken the case was different; the knowledge of the true pronunciation could no longer be presumed, and difficulties would arise from the ambiguity of individual words and their doubtful relation to one another. It is the design of the Masoretic points ($\aleph\aleph\aleph$ *tradition*) to remedy or obviate these inconveniences by supplying what was lacking in this mode of writing. The authors of this system did not venture to make any change in the letters of the sacred text. The signs which they introduced were entirely supplementary, consisting of dots and marks about the text fixing its true pronun-

ciation and auxiliary to its proper interpretation. This has been done with the utmost nicety and minuteness, and with such evident accuracy and care as to make them reliable and efficient if not indispensable helps. These points or signs are of three kinds, 1. those representing the vowels, 2. those affecting the consonants, 3. those attached to words.

a. As illustrations of the ambiguity both as to sound and sense of individual words, when written by the letters only, it may be stated that דבר is in Gen. 12: 4 דִּבֶּר *he spake*, in Ex. 6: 29 דִּבְרַר *speaking* and דִּבְרַר *speaking*, in Prov. 25: 11 דִּבְרַר *spoken*, in Gen. 37: 14 דִּבְרַר *word*, in 1 Kin. 6: 16 דִּבְרַר *the oracle* or most holy place of the temple, in Ex. 9: 3 דִּבְרַר *pestilence*. So פִּשַׁק is in Gen. 29: 10 וַיִּשָׁק *and he watered*, and in the next verse וַיִּשָׁק *and he kissed*; וּבֵא occurs twice in Gen. 29: 23, the first time it is וַיִּבֵּא *and he brought*, the second וַיִּבֵּא *and he came*; וַיִּשְׁבְּתֵימָם is in Jer. 32: 37 first וַיִּשְׁבְּתֵימָם *and I will bring them again*, and then וַיִּשְׁבְּתֵימָם *and I will cause them to dwell*; שָׁמַיִם is in Gen. 14: 19 שָׁמַיִם *heaven*, and in Isa. 5: 20 שָׁמַיִם *putting*. This ambiguity is, however, in most cases removed by the connection in which the words are found, so that there is little practical difficulty for one who is well acquainted with the language. Modern Hebrew is commonly written and read without the points: and the same is true of its kindred tongues the Syriac and Arabic, though each of these has a system of points additional to the letters.

§ 11. 1. The alphabet, as has been seen, consisted exclusively of consonants, since these were regarded as a sufficiently exact representation of the syllables into which in Hebrew they invariably enter. And the omission of the vowels occasioned less embarrassment, because in the Semitic family of languages generally, unlike the Indo-European, they form no part, properly speaking, of the radical structure of the word, and consequently do not aid in expressing its essential meaning, but only its nicer shades and modifications. Still some notation of vowels was always necessary, and this was furnished in a scanty measure by the vowel-letters, or, as they are also called, quiescents, or *matres lectionis* (guides in reading). The weakest of the palatals ם was taken as the representative of the vowels \bar{i} and \bar{e} of the same organ to which in sound it bears a close affinity; the weakest of the labials ן was in like manner made to represent its cognates \bar{u} and \bar{o} ; and the

two weak gutturals א and ה were written for the guttural vowel *ā*, as well as for the compound vowels *ē* and *ō* of which *a* is one of the elements. Letters were more rarely employed to represent short vowels; ה or י for *ē* is the most frequent case; others are exceptional.

a. Medial *ā* when written at all, as it very rarely is, is denoted by א, e. g. לאט *lāt* Judg. 4: 21, דאג *dāg* Neh. 13: 16 K'thibh, קאם *kām* Hos. 10: 14, זואזל *zāzēl* Lev. 16: 8, ראש *rāsh* Prov. 10: 4 and in a few other passages, ראמוה sometimes for *rāmōth*, צואר *tsavrār*, אַמאַסאַךְ Hos. 4: 6 if not an error in the text perhaps לֹר *emāsāk*; final *ā*, which is much more frequently written, is denoted by ה, e. g. גלא *gālā*, מלכה *malkā*, אתה *attā*, rarely and only as an Aramæism by א, e. g. חגא *hhoggā* Isa. 19: 17, קרהא *korhha* Ezek. 27: 31 K'thibh, גבהא *gābh'hā* Ezek. 31: 5 K'thibh. The writing of *ē* and *ī*, *ō* and *ū* is optional in the middle of words but necessary at the end, e. g. צויהתס or צויהתס *tsivvūthīm*, צויהת *tsivvūthī*; שבו or שובו *shūbhū*. In the former position י stands for the first pair of vowels, and ו for the second, e. g. מינקוה *mēnūkhōh*, נסיגוה *n'sūghōthū*; א for *ē* and *ō* so situated is rare and exceptional, e. g. ראש *rēsh* Prov. 6: 11, 30: 8, and perhaps יאנעלס *yānēlts* Eccles. 12: 5; זאה *zōth*, פראה *pōrōth* Ezek. 31: 8, ביטסוהאר *bitstsōthār* Ezek. 47: 11. At the end of words *ē* is commonly expressed by י, and *ō* by ו, though ה is frequently and א rarely employed for the same purpose, e. g. מלכו *malkhē*, מלכו *malkō*; היה *h'yē*, פרעה *parō*; לו *lō*. Final *ē* is represented by ה, medial *ē* if written at all by י, e. g. יהיה *yih'ye*, ההינה or ההינה *tih'yenā*.

b. The employment of the vowel-letters in conformity with the scale just given, is further governed, (1.) By usage, which is in many words and forms almost or quite invariable; in others it fluctuates, thus *sōbhēbh* is commonly סבב or סיבב, only once סביר 2 Kin. 8: 21; *ya'kōbh* is יעקב except in Jer. 33: 26 where it is יעקוב; *thēāse* is התשה, but in Ex. 25: 31 היעשה; *ēthām* according to the analogy of similar grammatical forms would be אתה, but in Ps. 19: 14 it is איהם; *hēmār* is in Jer. 2: 11 written in both the usual and an unusual way, הימיר and המיר; *m'lākhīm* is מלכים except in 2 Sam. 11: 1, where it is מלאכים; *g'bhūloth* is in Deut. 32: 8 גבלת, in Isa. 10: 13 גבולת, in Ps. 74: 17 גבולות; *lō* meaning *not* is לא, meaning *to him* is לו, though these are occasionally interchanged; *zō* is written both זה and זו; and *pō* פה, פי and פא. (2.) The indisposition to multiply the vowel-letters unduly in the same word, e. g. 'lō'h אלוה, 'lōhīm אלהים *nāthūn* נהון, *n'thūnīm* נהונים or נהונים. (3.) The increased tendency to their employment in the later books of the Bible, e. g. כיה *kō'hh* Dan. 11: 6, always elsewhere כה *kōdhesh* Dan. 11: 30, לוד *dāvūdh* in the books of Chronicles, Ezra, Nehemiah and Zechariah, elsewhere commonly לוד. This must, however, be taken with considerable abatement, as is shown by such examples as *addūvīm* אדירים Ex. 15: 10, אדרס Ezek. 32: 18.

It is to be observed that those cases in which א is used to record vowels must be carefully distinguished from those in which it properly

belongs to the consonantal structure of the word, though from its weakness it may have lost its sound, as מצא *mātsā*, רשון *rīshon*. § 57, 2.

2. When used to represent the Hebrew vowels, *ā* is sounded as in *father*, *ǎ* as in *fat*, *ē* as in *there*, *ĕ* as in *met*, *ī* as in *machine*, *ĭ* as in *pin*, *ō* as in *note*, *ö* as in *not*, *ū* as in *rule*, and *ǔ* as in *full*. The quantity will be marked when the vowels are long, but not when they are short.

§ 12. There are nine points or masoretic signs representing vowels (תנועות *motions*, viz., by which consonants are moved or pronounced); of these three are long, three short, and three doubtful. They are shown in the following table, the horizontal stroke indicating their position with reference to the letters of the text.

<i>Long Vowels.</i>				<i>Short Vowels.</i>			
קָמֶץ	Kā'-mets	<i>ā</i>	⌒	פָּתַח	Pát-tahh	<i>ǎ</i>	⌒
צֶרֶךְ	Tsē'-rē	<i>ē</i>	⌒	שֶׁגוֹל	Se'-ghōl	<i>ĕ</i>	⌒
הוֹלָם	Hhō'-lem	<i>ō</i>	⌒	קָמֶץ הַטּוֹרֵף	Kā'-mets Hhā-tūph'	<i>ö</i>	⌒

Doubtful Vowels.

הִירֵק	Hhī'-rik	⌒	<i>ī</i> or <i>ĭ</i>
שִׁרֵק	Shū'-rek	⌒	} <i>ū</i> or <i>ǔ</i>
קִבּוּץ	Kīb'-buts	⌒	

All these vowel-points are written under the letter after which they are pronounced except two, viz., Hholem and Shurek. Hholem is placed over the left edge of the letter to which it belongs, and is thus distinguished from the accent R'bhī^a, which is a dot over its centre. When followed by ם or preceded by ם it coincides with the diacritical point over the letter, e. g. מִשָּׁה *mōshe*, שֹׁנֵי *sōnē*; when it follows ם or precedes ם it is written over its opposite arm,

e. g. שְׁמֶר שְׁמֶר *shōmēr*, תִּרְפֹּס תִּרְפֹּס *tirpōs*. Its presence in these cases must accordingly be determined by the circumstances. If preceded by a letter without a vowel-sign, שְׁ will be *ōsh* and תִּ *ōs*; if it have itself no vowel-sign, שְׁ will be *sō* and תִּ *shō*, except at the end of words. Shurek is a dot in the bosom of the letter Vav, thus וְ. It will be observed that there is a double notation of the vowel *u*. When there is a וְ in the text this vowel, whether long or short, is indicated by a single dot within it, and called Shurek; in the absence of וְ it is indicated by three dots placed obliquely beneath the letter to which it belongs, and called Kibbutz.

a. The division of the vowels given above differs from the common one into five long and five short, according to which Hhirik is counted as two, viz., Hhirik magnum וְ = *ī*, and Hhirik parvum וְ = *ī*; and Shurek is reckoned a distinct vowel from Kibbutz, the former being *ū* and the latter *ū*. To this there are two objections. (1.) It confuses the masoretic signs with the letters of the text, as though they were coeval with them and formed part of the same primitive mode of writing, instead of being quite distinct in origin and character. The masoretic vowel-sign is not וְ, but וְ. The punctuators never introduced the letter וְ into the text; they found it already written precisely where it is at present, and all that they did was to add the point. And instead of using two signs for *i*, as they had done in the case of *a*, *e*, and *o*, they used but one, viz., a dot beneath the letter, whether *i* was long or short. The confusion of things thus separate in their nature was pardonable at a time when the points were supposed to be an original constituent of the sacred text, but not now when their more recent origin is universally admitted. (2.) It is inaccurate. The distinction between וְ, and וְ, וְ and וְ, is not one of quantity, for *ī* and *ū* are expressed indifferently with or without Yodh and Vav.

Gesenius, in his *Lehrgebäude*, while he retains the division of the vowels into five long and five short, admits that it is erroneous and calculated to mislead; and it has been discarded by Rödiger in the latest editions of his smaller grammar. That which was proposed by Gesenius, however, as a substitute, is perplexed and obscure, and for this reason, if there were no others, is unfitted for the wants of pupils in the early stage of their progress. On the other hand, the triple arrangement here adopted after the example of Ewald, has the recommendation not only of clearness and correctness, but of being, instead of an innovation, a return to old opinions. The scheme of five long and five short vowels originated with Moses and David Kimchi, who were led to it by a comparison of the Latin and its derivatives. From them it was adopted by Reuchlin in his *Rudimenta Hebraica*, and thus became current among Christians. The Jewish grammarians, before the Kimchis, however, reckoned Kibbutz and Shurek as one vowel, Hhirik as one, and even Kamets and Kamets-

Hhatuph as one on account of the identity of the symbol employed to represent them. They thus made out seven vowels, the same number as in Greek, where the distinction into long, short and doubtful also prevails. That the literary impulses of the Orientals were chiefly received from the Greeks is well known; that the suggestion of a vowel-system came to the Syrians from this quarter is certain, both from direct testimony to this effect and from the shapes of their vowels, which still betray their origin. May not the Hebrews have learned something from the same school?

b. The names of the vowels, with the exception of Kamets-Hhatuph contain the sounds of the vowels which they are intended to represent, Kibbutz in the last, the others in their first syllable. Their signification is indicative either of the figure of the vowel or the mode of pronouncing it. Kamets and Kibbutz, *contraction*, i. e. of the mouth; Pattahh, *opening*; Tsere, *bursting forth*; Seghol, *cluster of grapes*; Hhirik, *gnashing*; Hholem, *strength*; Kamets-Hhatuph, *hurried Kamets*; Shurek, *whistling*. It is a curious circumstance that notwithstanding the diversity of the vowel-systems in the Syriac, Arabic, and Hebrew, the name Pattahh is common to them all.

§13. This later and more complete method of noting the vowels does not displace but is superinduced upon the scanty one previously described. Hence it comes to pass that such vowels as were indicated by letters in the first instance are now doubly written, i. e. both by letters and points. By this combination each of the two methods serves to illustrate and explain the other. Thus the added signs determine whether the letters אהרי (which have been formed into the technical word אֶהְרִי *Eh'vī*) are in any given case to be regarded as vowels or as consonants. If these letters are themselves followed by a vowel or a Sh'va, §16, or have a Daghesth forte, §23, they retain their consonant sound; for two vowels never come together in Hebrew, and Sh'va and Daghesth forte belong only to consonants: thus קְוֵיָה *kōvekā*, מִצְוֹת *mitsvōth* (where צ being provided with a separate point, the Hholem must belong after ו), וְהָיָה *v'hāyā* קִיָּם *kīyam*. Otherwise they quiesce in a preceding or accompanying vowel-sign, provided it is homogeneous with themselves; that is to say, they have the sound indicated by it, the vowel-sign merely interpreting what was originally denoted by the

word or form these letters are regularly written, the vowel is, as a general rule, immutable. When ו and י stand for their long homogeneous vowels, these latter are said to be written fully, e. g. קֹל *kōl*, נִיר *nīr*, מִוּת *mūth*; without these quiescent letters they are said to be written defectively, e. g. הַקְּמֹתִי *h^akīmōthī*, כָּמֹס *kāmūs*.

a. Hhirik with Yodh is short in וְהִמְלִיכֵנִי *vah^amittiv* 1 Sam. 17:35, בִּיקְרוּתֵיהֶם *bikk^arōthekhā* Ps. 45:10, לִיקְהַת־ *likk^ahath* Prov. 30:17. In אִצִּיקְלָנִי 1 Chron. 12:1, 20, *i* is probably long, although the word is always elsewhere written without the Yodh; as it sometimes has a secondary accent on the first syllable and sometimes not (see 1 Sam. 30:1), it may have had a twofold pronunciation *tsik^alag*. and *tsiklag*. Shurek as *ū* is of much more frequent occurrence, e. g. הִחֻקֵי *hhukkē*, לִמְמִים *l^ummīm*, חֻקָּה *hhukkā* Ps. 102:5, אֲזַנְגִּים 2 Chron. 2:7, זִזָּה Ezek. 16:34.

§15. The vowels may be further distinguished into pure, *a, i, u*, and diphthongal, *e, o*; *e* being a combination of *a* and *i*, or intermediate between them, and *o* holding the same relation to *a* and *u*.

SH'VA.

§16. 1. The absence of a vowel is indicated by ׀ Sh'vā (אָ׀׀ *emptiness*, or as written by Chayug, the oldest of Jewish grammarians, אָ׀׀׀), which serves to assure the reader that one has not been inadvertently omitted. It is accordingly placed under all vowelless consonants except at the end of words, where it is regarded as unnecessary, the absence of a vowel being there a matter of course. If, however, the last letter of a word be ׀, or if it be immediately preceded by another vowelless letter, or be doubled by the point called Daghesh-forte, § 23, Sh'va is written to preclude the doubt which is possible in these cases, e. g. קָשׁ׀׀, מְלֻכָּ׀׀, מְשֻׁמְרָ׀׀, קָשׁ׀׀, נְתָ׀׀, אָ׀׀, אָ׀׀׀. Sh'va is not given to a quiescent letter, since it represents not a consonant but a vowel, e. g. הַיִּיקָה, nor as a general rule to a final consonant preceded by a

quiescent; thus **הַשָּׁמַיִם**, **הַשָּׁמַיִם** Ruth 3 : 4; **הַהַיְיִת** Isa. 62 : 3, though in this case it is sometimes written, e. g. **הַשָּׁמַיִם** 2 Sam. 14 : 3; **הַהַיְיִת** 2 Sam. 14 : 2; **הַהַיְיִת** Judg. 13 : 3; **הַהַיְיִת** 1 Kin. 11 : 13. **ס** at the end of a word, preceded either by a vowelless letter or a quiescent, is termed otiant, and is left unpointed, e. g. **הַיְיִת** **הַיְיִת** **הַיְיִת**.

a. Final **ת** may receive Sh'va for the sake of distinction not only from **ת**, as already suggested, but also from **ד** with which it might be in danger of being confounded in manuscripts; Freytag conjectures that it is properly a part of the letter, like the stroke in the corresponding final **ك** in Arabic. In such forms as **הַיְיִת** Sh'va is omitted with the closing letters because the **ת** is not sounded.

2. Sh'va may be either silent (**ת**; *quiescens*), or vocal (**ת**; *mobile*). At the close of syllables it is silent. But at the beginning of a syllable the Hebrews always facilitated the pronunciation of concurrent consonants by the introduction of a hiatus or slight breathing between them; a Sh'va so situated is consequently said to be vocal, and has a sound approaching that of a hastily uttered *e*, as in *given*. This will be represented by an apostrophe, thus, **בְּמִדְבָּר** *b'midhbar*, **בְּקַדְחֵם** *p'kadhtem*.

a. According to Kimchi (Mikhlol fol. 189) Sh'va was pronounced in three different ways, according to circumstances. (1.) Before a guttural it inclined to the sound of the following vowel, e. g. **אֲבִיבִים** *y'abbēdh*, **אֲזָנִים** *s'ēth*, **אֲזָנִים** *d'ā*, and if accompanied by Methegh, § 44, it had the full sound of that vowel, e. g. **אֲזָנִים** *sūū*, **אֲזָנִים** *tīhhī*, **אֲזָנִים** *lōōlām*. (2.) Before Yodh it inclined to *i*, e. g. **בְּיָאֵהָבִים** *b'yā'kōbh*, **בְּיָדֵם** *k'yōm*, and with Methegh was sounded as Hhirik, e. g. **בְּיָדֵם** *biyadh*. (3.) Before any other letter it inclined to *a*, e. g. **בְּרָאֵהָבִים** *b'rākhā*, **בְּרָאֵהָבִים** *g'līlīm*, and with Methegh was pronounced as Pattahh **בְּרָאֵהָבִים** *bamakhēlōth*.

3. Sh'va may, again, be simple or compound. Sometimes, particularly when the first consonant is a guttural, which from its weakness is in danger of not being distinctly heard, the hiatus becomes still more audible, and is assimilated in sound to the short guttural vowel *ā*, or the diphthongal *ē* or *ō*, into which it enters. This assimilation is rep-

SYLLABLES.

§18. 1. Syllables are formed by the combination of consonants and vowels. As two vowels never come together in the same word in Hebrew without an intervening consonant, there can never be more than one vowel in the same syllable; and with the single exception of ו occurring at the beginning of words, no syllable ever consists of a vowel alone. Every syllable, with the exception just stated, must begin with a consonant, and may begin with two, but never with more than two. Syllables ending with a vowel, whether represented by a quiescent letter or not, are called simple, e. g. כֶּהֱלַח *l'khā*, עוֹלָה *ō-lā*. (The first syllable of this second example begins, it will be perceived, with the consonant ע, though this disappears in the notation given of its sound.) Syllables ending with a consonant, or, as is possible at the close of a word, with two consonants, are said to be mixed: thus קַמְתֶּם *kam-tem*, הִלַּכְתֶּם *hū-lakht*. As the vocal Sh'vas, whether simple or compound, are not vowels properly speaking, but simply involuntary transition sounds, they, with the consonants under which they stand, cannot form distinct syllables, but are attached to that of the following vowel. Pattahh furtive in like manner belongs to the syllable formed by the preceding vowel. Thus זְרוּעֵי *z'rō^a*, אָנִי *ōnī* are monosyllables.

2. Long vowels always stand in simple syllables, and short vowels in mixed syllables, unless they be accented. But accented syllables, whether simple or mixed, may contain indifferently a long or a short vowel.

a. The following may serve as a specimen of the division of Hebrew words into their proper syllables; thus,

אָדָם	אֱלֹהִים	בְּרוֹא	בְּיוֹם	אֲדָמָה	תּוֹלְדוֹת	שֵׁפָר	זֵרַע
a-dhā'm	'lo-hī'm	b'rō'	b'yō'm	a-dhā'm	to-l'dhō'th	sē'-pher	zē'
Gen. 5 : 1.							
	אֶת־	אֱלֹהִים	בִּדְמוּת	אֶת־	אֱלֹהִים	בִּדְמוּת	אֶת־
	o-thō'	ā-sā'	'lo-hī'm	bidh-mū'th	o-thō'	ā-sā'	'lo-hī'm

b. The reason of the rule for the quantity of syllables appears to be this. In consequence of their brevity, the short vowels required the addition of a following consonant to make the utterance full and complete, unless the want of this was compensated by the greater energy of pronunciation due to the accent. The long vowels were sufficiently complete without any such addition, though they were capable of receiving it under the new energy imparted by the accent. This pervading regularity, which is so striking a feature of the Hebrew language, was the foundation of the *systema morarum* advocated by some of the older grammarians of Holland and Germany. The idea of this was, that each syllable was equal to three *morae*, that is, three rests, or a bar of three beats; a long vowel being equivalent to two *morae*, or two beats, a short vowel to one, and the initial or final consonant or consonants also to one: thus קָלֶטֶת $k(1) + \bar{a}(2) = 3$, לֵאמֹר $l(1) + a(1) + l(1) = 3$. An accented syllable might have one *mora* or beat either more or less than the normal quantity. This system was not only proposed by way of grammatical explanation, but also made the basis of a peculiar theory of Hebrew prosody. See Gesenius, *Geschichte d. Heb. Sprache*, p. 123.

c. The cases in which short vowels occur in unaccented simple syllables, are all due to the disturbing influence exerted by the weak letters upon the normal forms of words; thus, הָאֵתְּ הָאֵתְּ is for הָאֵתְּ, and הָאֵתְּ הָאֵתְּ for הָאֵתְּ: such words as אֵתְּ, אֵתְּ, אֵתְּ, אֵתְּ, אֵתְּ are formed after the analogy of אֵתְּ. A long vowel in an unaccented mixed syllable is found in but one word, and that of foreign origin. בֵּלְלִיטְּ *bēl-l'shātstār*, though here, as in the majority of instances falling under the previous remark, the syllable receives, if not the primary, yet the secondary accent, e. g. הָאֵתְּ, הָאֵתְּ, הָאֵתְּ. The same is the case when a long vowel is retained before Makkeph, e. g. אֵתְּ-אֵתְּ. In the Arabic, which is exceedingly rich in vowels, there are comparatively few mixed syllables; nearly every consonant has its own vowel, and this more frequently short than long. The Chaldee, which is more sparing in its use of vowels than the Hebrew, observes in general the same rule with respect to the quantity of syllables, though not with the same inflexible consistency.

AMBIGUOUS SIGNS.

§19. It will now be possible, by aid of the principles already recited, to determine the quantity of the doubtful vowels, and to remove the ambiguity which appears to exist in certain vowel-signs.

1. Hhirik, Shurek, and Kibbutz, in unaccented simple syllables, must be long, and in unaccented mixed syllables, short, e. g. יִרַשׁ or יִרַשׁ *yī-rash*, יִבְחִי or יִבְחִי *yibh-nū*, גְּבֹלוּ or גְּבֹלוּ *g'bhū-lō*, יֻלַּד or יֻלַּד *yul-ladh*, כָּלָם or כָּלָם *kul-lām*, מְעִיזִי

or מְזוּזֵי *māuzzī*. In accented syllables, whether simple or mixed, they are always long, e. g. שִׁיחִים or שִׁיחִים *sī-hīm*, לִי *lī*, גְּבֻל or גְּבִיל *g'bhūl*, דְּרָשׁוּהוּ or דְּרָשׁוּהוּ *d'rā-shū-hū*, the only exception being that Hhirik is short in the monosyllabic particles אִם, אֵשׁ, עֵם, מֶן, and in some abbreviated verbal forms of the class called Lamedh-He, e. g. בָּלַז, רָלַשׁ, רָב.

The only cases of remaining doubt are those in which these vowels are followed by a letter with Sh'va, either simple or compound. If the former, it might be a question whether it was silent or vocal, and consequently whether the syllable was simple or mixed. If the latter, though the syllable is of course simple, the weak letter which follows may interfere with the operation of the law. Here the etymology must decide. The vowel is long or short as the grammatical form may require; thus in יִרְאֶהוּ, יִרְאֶהוּ, יִרְאֶהוּ Gen. 22 : 8, which follow the analogy of יִקְטֹל, and in סְבִיבֵי Isa. 10 : 34, יִקְמִצֵּי the first vowel is short; in גְּבֻלָּם, יִשְׁמְהוּ the first vowel is long. In a few instances the grammatical form in which Hhirik is employed is itself doubtful; the distinction is then made by means of Methegh, §44, which is added to the vowel-sign if it is long, but not if it is short; thus, יִרְאֵי *yī-r'ū*, from יִרְאֵי *to fear*, and יִשְׁנֵי *yī-sh'nū* from יִשְׁן *to sleep*; but יִרְאֵי *yir-ū* from יִרְאֵי *to see*, and יִשְׁנֵי *yish-nū* from יִשְׁן *to do a second time*.

2. Kamets *ā* and Kamets-Hhatuph *ō* are both represented by the same sign (+), but may be distinguished by rules similar to those just given. In an unaccented simple syllable it is Kamets; in an unaccented mixed syllable it is Kamets-Hhatuph; in an accented syllable, whether simple or mixed it is Kamets, e. g. דְּבָר *dā-bhār*, חֹפְשֵׁי *hhoph-shī*, מְוֶת *mā-veth*, לָמָּה *lām-mā*, בֹּתִים *bot-tīm*. Before a letter with simple Sh'va, the distinction is mostly made by Methegh, §44; without Methegh it is always Kamets-Hhatuph, with it commonly Kamets, e. g. חֹכְמָה *hhokh-mā*, חֹכְמָה *hhā-kh'mā*. Before a guttural with Hhatuph-Kamets or Kamets-Hhatuph

and הַלְלֵנוּ Num. 24:7 was universally held to be Kamets, and that with the exception of Rabbi Jonah ben Gannach, who was of a contrary mind, the same unanimity prevailed in regard to the first vowel of הַרְרֵנוּ Ezek. 40:43. As, however, this last word is in every other place written without the Methegh, and there is no analogy for such words as those mentioned above having \bar{a} in their initial syllable, the best authorities are now agreed that the vowel is \bar{o} , and the words are accordingly read *dorbhan*, etc. In הַיָּסָפֵר *jasper*, and הַיָּחֲזִיר *emerald*, Ezek. 28:13, which are mentioned by Kimchi in the same connection, the first vowel is Kamets.

c. In some manuscripts and a few of the older printed books, e. g. Stephanus' Hebrew Bible and Reuchlin's *Rudimenta Hebraica*, Kamets-Hhatuph is denoted by (τ). It then differs from Kamets, but is liable to be confounded with Hhateph-Kamets. It can, however, be distinguished from it by the circumstance that Kamets-Hhatuph is always followed either by simple Sh'va, Daghesht-forte, or Methegh; none of which ever immediately succeed Hhateph-Kamets. Such a form as הַבְּלֵי Ezek. 26:9 in the editions of Michaelis and Van der Hooght is an impossible one if (τ) have its ordinary meaning.

d. It is surprising that in so minute and careful a system of orthography as that of the Masorites, there should be no symbol for \bar{o} distinct from that for \bar{a} ; and some have felt constrained in consequence to suppose that the signs for these two vowels were originally different, but became assimilated in the course of transcription. This seems unlikely, however. The probability is that \bar{a} and \bar{o} , whose resemblance even we can perceive, were so closely allied in the genuine Hebrew pronunciation, that one sign was thought sufficient to represent them, especially as the Masorites were intent simply on indicating sounds without concerning themselves with grammatical relations.

§ 20. 1. As simple Sh'va is vocal at the beginning of a syllable and silent at its close, there can be no doubt as to its character when it stands under initial or final letters. Preceding the first vowel of a word it must of course be vocal, and following the last vowel it must be silent, זְכָרְתָּם *z'kharthām*, $\text{זָכַרְתָּ$ *zākhart*. In the middle of a word, the question whether it belongs to the syllable of the preceding or the following vowel must be determined by the circumstances. If a complete syllable precedes, that is, either an unaccented long vowel or a vowelless consonant serving as the complement of a previous short vowel, it is vocal. If it be preceded by a short vowel which cannot make a complete syllable without the aid of a following consonant, or by a long accented

vowel, it is silent : זָכָרִי *zō-kh'rē*, תִּזְכָּרִי *tiz-k'rū*, זִכְרוּ *zikh-ū*, תִּקְטֹלְנָה *tik'tōl-nā*. Sh'va under a letter doubled by Dagghesh forte, § 23, is vocal, such a letter being equivalent to two, the first of which completes the previous syllable, and the second begins the syllable which follows : הַזְּכָרִים = הַזְּכָרִים *haz-z'khārīm*.

2. In addition to this it is to be remarked that Sh'va is vocal after what may be called intermediate syllables ; that is to say, when the consonant under which it stands performs, as it occasionally does, the double office of completing one syllable and beginning the next. Thus, when it follows a consonant from which Dagghesh-forte has been omitted, *וַיְבַקְשׁוּ* *vay'bhak'shū* for *vay-y'bhak-k'shū*, or the first of two similar letters, in order that the reduplication may be made more distinct, *הַלְלוּ* *hal'lū*, *קִלְלָה* *kil'lath*, *צִילֹ* *tsil'ō*, *אֵלַי* *al'lay*, *חִיק'כֶּ* *hhik'kē*, and in several other cases, which will be more particularly described in § 22.

a. The same double office is performed by gutturals beginning one syllable and yet inclining to complete the one before it, § 18. 2. *c.* In *חֶזֶק*, for example, *ז* belongs in a measure to both syllables. It properly begins the second, and yet it is preceded by a short vowel just as if it ended the first, which is accordingly to be reckoned an intermediate syllable, being in strictness neither simple nor mixed, but partaking of the nature of both.

DAGHESH-LENE.

§ 21. The second class of signs added to the Hebrew text are those which are designed to guide in the pronunciation of the consonants. These are the diacritical point over Shin, Dagghesh-lene, Dagghesh-forte, Mappik, and Raphe. The use of the first of these has already been sufficiently explained, § 3. 1.

1. Dagghesh-lene (הַיֵּשׁ קָל) is a point inserted in the six letters *ת פ כ ג ד ב* (technically called *B'ghadh K'phath*), to indicate the loss of their aspiration, e. g. *ב ḅh*, *ב ḅ*, etc.

As these letters are always aspirated after a vowel-sound, however slight, and never as an initial utterance or when following a consonant, they invariably require Dagghesh-lene whenever they are not immediately preceded by a vowel or a vocal Sh'va. It is consequently inserted in the initial aspirate of a word which begins a verse, בְּרֵאשִׁית Gen. 1 : 1, or which follows a word bearing a disjunctive accent (inasmuch as this represents a pause of longer or shorter duration), וַיְבִרְתֵי בָאֵי Ex. 1 : 1, פֶּן זַקְהָה Gen. 3 : 22, or ending in a consonant, אֶל־בְּנֵי מִצְרַיִם הַרְבִּי Gen. 24 : 42; but not if it follows a word ending in a vowel and having a conjunctive accent, פָּנֵי תְהִים, הַיְתָה תְהִי Gen. 1 : 2. The sacred name יהוה is followed by Dagghesh-lene, even though it may have a conjunctive accent, Num. 10 : 29, Dent. 3 : 26, Josh. 10 : 30, 11 : 8, Ps. 18 : 21, because in reading the Jews always substitute for it the word אֲדָנָי, which ends in a consonant. In a very few cases, however, e. g. אֲדָנָי בָּם Ps. 68 : 18, קִרְוֹתָי Isa. 34 : 11, שָׁלַח בָּהּ Ezek. 23 : 42, Dagghesh-lene is not inserted after a vowel-letter, which retains its consonant sound.

2. Dagghesh-lene is inserted in a medial or final aspirate preceded by a vowelless consonant, whether this be accompanied by silent Sh'va or Pattahlh furtive, e. g. נִשְׁמַעְתָּ, נִשְׁמַעְתָּ; but not if it be preceded by a vowel or vocal Sh'va, whether simple or compound, e. g. וַיְבִרְתֵי, וַיְבִרְתֵי.

a. The primary signification of the name Dagghesh is commonly explained from the Syriac ܕܘܓܫܐ (דגש), to which Castellus in his lexicon gives the sense of *piercing*. This is by some applied to the puncture or point which is its written sign, by others to its power of sharpening the sound of letters by removing their aspiration or doubling them. Buxtorf, however, in his Chaldee Lexicon, disputes the existence of such a root in either Syriac or Chaldee, alleging that in Prov. 12 : 18, the passage quoted to prove the word, the true reading is ܕܘܓܫܐ (דגשא). The six letters which receive Dagghesh-lene in Hebrew have the same twofold pronunciation in Syriac, a red dot called Rukhokh (ܕܘܓܫܐ *softness*), being written beneath them when they were to be aspirated, and another called Kushoi (ܕܘܓܫܐ *hardness*), being written above them when they were not.

b. Grammarians are not agreed whether the aspirated or unaspirated sound of these consonants was the original one. There being no data for the settlement of the question, each decides it by his own theory of phonetic changes. The correctness of the Masoretic punctuation has sometimes been questioned in regard to this matter, on the ground of the improbability of such fluctuation in the sound of these letters in the same word. But besides the Syriac analogy just referred to, the Sanskrit language shows the almost unlimited extent to which euphonic changes may be carried by a people possessing a sensitive and discriminating ear. The Sanskrit aspirates, besides being subjected to other mutations which cannot here be detailed, regularly lose their aspiration when finals, and under certain conditions when medials, throwing it back, where this is possible, upon a previous letter. Bopp *Kritische Grammatik*, pp. 30. 42. Similar laws prevail to some extent in Greek, e. g. *θρίξ, τριχός; τρέφω, θρέψω; θύω, ἐτίθην; οὐκ ἔχω, οὐχ ἔξω; μέθ' ὑμῖν.*

§ 22. The absence of Dagghesh-lene in an aspirate sometimes shows a preceding simple Sh'va to be vocal when this would not otherwise have been known. In most of the cases referred to, a letter originally belonging to the succeeding syllable is by the prefixing of a short vowel drawn back to complete the syllable before it; instead, however, of giving up its previous connection altogether, it forms an intermediate syllable, § 20. 2, the Sh'va remaining vocal though the antecedent vowel is short; thus, *לָבַב* *l'bbabh* with the prefix *בַּ* becomes *בִּלְבַב* *bil'bbabh*, not *בִּלְבַב* *bil-babh*.

a. The particular instances in which this may occur are the following, viz.: (1) The Kal imperative of verbs and the Kal infinitive with suffixes, e. g. *עָבְדוּ, עָבְדוּ, עָבְדוּ, עָבְדוּ* from *עָבַד*; yet with occasional exceptions, as *בָּאֲסָפָם* Lev. 23: 39. (2) Those forms of Pe Guttural verbs in which the first radical assumes a short vowel in place of the silent Sh'va in the regular inflexion, e. g. *הִשְׁבַּחְתֶּם, הִשְׁבַּחְתֶּם, הִשְׁבַּחְתֶּם* for *הִשְׁבַּחוּ*. (3) The construct plural of nouns *עָבְדֵי* from *עָבָד*, *עָבְדֵי* from *עָבָד*, *פְּתָחוּ* from *פָּתַח*, *חָרְבוּ* from *חָרַב*, though with occasional exceptions, as *רָשָׁעִים* Cant. 8: 6, but *רָשָׁעִים* Ps. 76: 4, *צְמָחִים* Isa. 5: 10, *חָרְבוּ* Ps. 69: 10, *בְּרָשָׁי* Gen. 50: 23, but *בְּרָשָׁיִךְ* Judg. 7: 6; *בְּגָדֵי* from *בָּגַד* are peculiar in omitting Dagghesh in the singular with suffixes. (4) Three feminine nouns ending in *וֹת*, *מְלָכֹת* from *מָלַךְ*, *בְּלָבוֹת* from *לָבַד*, *עָבְדֹת* (only occurring with suffixes) from *עָבָד*, but not *מְרַדּוֹת*. Also a few other nouns of different forms, viz.: *נְרָתָיִם*, but *נְרָתָיִם*. (5) After prefixes, as He interrogative, e. g. *הֲיִרְשָׁתָם* Gen. 29: 5 from *יָרַשׁ*, and inseparable prepositions, e. g. *לְדַבֵּר* from *דָּבַר*, *בְּדָגָה* from *דָּגַה*, *בְּדָבַר* from *דָּבַר*. Usage is not uniform in the case of Kal infinitives follow-

doubled in the pronunciation; thus, **וַיִּמְלֹךְ** *vayyimāl*. Dag-hesh-forte may be found in any letter with the exception of the gutturals **א ה ה ע**, which on account of their weakness do not admit of reduplication. The letter **ו**, partaking of this with other peculiarities of the gutturals, receives it only in a very few exceptional cases, e. g. **וַיִּשְׁאֲפֵר**, **וַיִּמְרֹת**.

2. The aspirates, when doubled, always at the same time lose their aspiration; thus, **וַיִּפְקְדוּ** *yippākēdh*. Dag-hesh-forte in these letters is readily distinguishable from Dag-hesh-lene by the consideration that a consonant cannot be pronounced double except after a vowel. A point in one of the aspirates is, therefore, Dag-hesh-forte if a vowel precedes, otherwise it is Dag-hesh-lene.

3. Dag-hesh-forte in **ו** may be distinguished from Shurek in the same way. Inasmuch as two vowels cannot come together in the same word, if a vowel precedes it is Dag-hesh-forte, if not it is Shurek.

a. Some Grammarians speak of Dag-hesh-forte *implicitum* in the gutturals, by which they mean that these letters appear in certain cases to complete a foregoing syllable as well as to begin that in which they properly stand, in spite of the omission of Dag-hesh, which analogy would require them to receive. As these are included under what have already, § 20. 2. *a.*, been explained as intermediate syllables, it is not thought necessary to employ an additional term.

b. The Arabs have a sign of reduplication, Teshdid (◌◌), which is written above the doubled letter. The Syrians have no written sign for this purpose, and it is disputed whether their letters were ever doubled in pronunciation. According to Asseman Biblioth. Orient. III. 2. p. 379, the Western differed from the Eastern Syrians in this respect, "Occidentales nullibi literas geminant."

§ 24. Different epithets have been applied to Dag-hesh-forte to describe its various uses or the occasions of its employment. 1. When separate letters, whether originally alike, or made so by assimilation, are by the inflection or formation of words brought into juxtaposition, the Dag-hesh-

forte which represents such a doubling is called compensative; e. g. קָרָתִי, formed by appending the syllable הִי to the root קָרָה; נָתַתִּי composed of the same syllable and the root נָתַן, whose last letter is changed to ת to conform with that which follows; סָבִי from סָבַב. 2. When the reduplication is indicative of a particular grammatical form the Dagghesh-forte is called characteristic, e. g. in the Piel, Pual, and Hithpael of verbs; as, הִלָּקֶה, הִתְהַלָּקֶה, and certain forms of nouns, as, גִּבּוּר. 3. When it has arisen from the necessity of converting a previous simple syllable into a mixed one in order to preserve the quantity of a short vowel which it contains, it is Dagghesh-forte conservative; e. g. נִסָּב for נִסַּב. 4. When the initial letter of a word is doubled under the influence of the final vowel of the word preceding, it is Dagghesh-forte conjunctive; e. g. מֵהֶ-הָהָה, קִימֵי צֵאֵי, נְהַיְהִי-הִלָּקֶה. 5. When the last letter of an intermediate syllable is doubled in order to make the following hiatus or vocal Sh'va more distinct, it is Dagghesh-forte dirimens or separative, because the letter which receives it is thus separated in part from the syllable to which it belongs; e. g. עֲנִיִּי *inn'bhē* for עֲנִיִּי *in'bhē*. 6. When the first letter of a final syllable is doubled under the influence of a previous vowel bearing the accent (mostly a pause accent, § 36. 2. a.), for the sake of increased fullness and force of pronunciation, it is Dagghesh-forte emphatic; e. g. הִתְדַלִּי for הִתְדַלִּי. In the first three uses named above Dagghesh-forte is said to be essential, in the last three it is euphonic.

a. Dagghesh-forte conjunctive occurs regularly after the pronoun אֲנִי, e. g. מֵהֶ-נִּסָּב Ps. 133: 1, and in a multitude of cases after final Kamets or Seghol in words accented on the penult or followed by Makkeph, § 43, e. g. לְהַחֲדוֹתָאֵם Gen. 2: 23, אֲבִלְתֵּ-שָׁם Deut. 27: 7, וְהִזְתָּה לוֹ Num. 25: 13, כִּנְהַחֲתֵבִי Gen. 30: 33; וְהִזְתָּה לָּהּ Num. 34: 6. 7. 9. מִשָּׁה זָאֵר Ex. 13: 1 (where the accent is on the ultimate), מִשְׁנֵה-לֶקֶךְ Prov. 15: 1 (in some editions), more rarely after other vowels, e. g. קִימֵי צֵאֵי Gen. 19: 14, וְהִזְתָּה לוֹ 1 Sam. 8: 19, once after the liquid ר, e. g. וְהִזְתָּה לוֹ 1 Kin. 11: 22. See also § 22. b. In a few instances words thus united are written as one, e. g. מִזָּה Ex. 4: 2 for מִזָּה וְהָ, so מִזָּבָם Isa. 3: 15, מִתְּלָאָה Mal. 1: 13, בְּשִׂאסְאָה

Isa. 27:8, and possibly אָאָאָאָאָאָ Isa. 33:7. See Dr. Alexander's Commentary upon this passage.

b. Daghesh-forte separative occurs only in the following examples:

אָבְרָהָם Hos. 3:2.	רָקִיעַ 1 Sam. 28:10.	סָבְלוּ Isa. 9:3, 10:27.
בְּיַקְרֹהֶוָה Ps. 45:10.	בְּסֵתֵרֵי תִבְכְּנָה (?) Ezek. 13:20.	עָנְבֵי Deut. 32:32.
הַיּוֹבְחִים Am. 5:25.	בְּזִלְזוּתָא Isa. 33:1.	עָנְתָהּ 2 Sam. 23:27, Jer. 29:27.
הַבְּצִעְקָהָה Gen. 18:21.	הַיִּצְהָרוּ or הַיִּצְהָרוּ Ps. 89:45.	עָנְבוּבָם Isa. 58:3.
הַפְּתִיחַת Gen. 37:32.	בְּמַגְדָּלָה Joel 1:17.	עָנְבוּבָהָם Am. 5:21.
הַלְּבָן Gen. 17:17.	בְּמַזְרְרִים Job 9:18.	עָנְבוּבֵי (?) Cant. 1:8.
הַמְּדַבְּרִים 1 Sam. 10:24, 17:25, 2 Kin. 6:32.	בְּמִזְרְהָה Nah. 3:17.	עָנְבוּבֹהַת Ps. 89:52.
הַמְּדַבְּרִים Job 17:2.	בְּמִשְׁכַּתְּשׁ Ex. 15:17.	עָנְבוּבְהֵרָהּ Ps. 77:20.
הַמְּצַיִנוּ Ex. 2:3.	בְּמִשְׁכַּתְּהָ Deut. 23:11.	עָנְבוּבֹהַת Prov. 27:25.
הַחֲרֹדִיפָהוּ (?) Judg. 20:43.	בְּנִצְחֵי Job 30:8.	עָנְבוּבְהֵרָהּ Ps. 119:139.
הַהֲדַקְסָה 1 Sam. 1:6.	בְּנִצְרָה Ps. 141:3.	עָנְבוּבְהֵרָהּ Ps. 88:17.
הַלְּבָרָהּ Isa. 57:6.	בְּנִצְרָהּ Prov. 4:13.	תִּשְׁתַּחֲוֶיֶהָ (?) Ps. 37:15, Isa. 5:28.
הַקְּנִיתָהּ Gen. 49:10.	הַקְּנִיחֵהוּ Judg. 20:32.	טָבְלֵי Zech. 4:12.
הַקְּנִיתָהּ Prov. 30:17.	סָבְבוּ Jer. 4:7.	טָבְלוּבָהּ Ps. 58:9.

This list is corrected and enlarged from Gesen. Lehrgr. pp. 86 ff. Those words which are followed by a note of interrogation (?) are found in some editions but not in others. Daghesh separative may be found after He interrogative in some instances not included in the above list.

c. Daghesh-forte emphatic occurs only in הַדְּלִי Judg. 5:7. 1 Sam. 2:5; וַיִּחַלְצֵהוּ Job 29:21; וַיַּחַדְּהוּ or וַיַּחַדְּהוּ Job 21:13; וַיַּחַדְּהוּ Isa. 33:12, Jer. 51:58; מִלְּפָנָי Ezek. 21:15; נִקְוֵהוּ Ezek. 6:9; נִשְׁתַּחֲוֶיֶהָ Jer. 51:30; נִחַדְּהוּ Ezek. 27:19; קָבְלוּ (?) Isa. 19:6; and probably הַהֲרֹחֵבֵי Job 13:9 (not in pause).

§ 25. In order to the distinct utterance of a reduplicated consonant, it must be followed as well as preceded by a vowel-sound. Daghesh-forte is consequently never written in a final vowelless letter, with the exception of the two words אָתָּ, נָתָּ, both of which end in aspirates whose pronunciation would be changed by the removal of the Daghesh. In every other instance the doubling is neglected, even though the letter be an aspirate, which will for this reason resume its aspiration; e. g. קָלֵל, קָלְלֵי, סָבֵב, סָבְבֵי; וַיִּחַדְּהוּ abridged from וַיִּחַדְּשָׁה; וַיִּנְחַשְׁהוּ from וַיִּנְחַשְׁשָׁה. In a medial letter with Sh'va Daghesh may be written, because the Sh'va being thus rendered vocal the reduplication can be made audible by means

of the hiatus which it represents; it is, however, quite as frequently omitted, the Sh'va commonly remaining vocal as if it were inserted, and compound Sh'va being occasionally substituted for simple to indicate this fact, § 16. 3. *b.*; e. g. עֲנִיִּים for עָנִיִּים, כֶּסֶּף for כֶּסֶף, particularly after prefixes, as Vav conversive, the article and preposition מְ, so וְהָיָה, הַמְבַקֵּשׁ. It is seldom omitted from a medial aspirate on account of the change in its sound involved: yet even this is done occasionally, e. g. מְבַצֵּר Judg. 8 : 2 for מְבַצֵּר, תְּהַצֵּי Isa. 22 : 10 for תְּהַצֵּי, זְקָרוֹן from זְקָרוֹן. In a few rare instances it is dropped from a letter followed by a vowel, when the laws of syllables will permit and the pronunciation will not be materially affected; e. g. תְּעַלְּמָה Ruth 1 : 13 for תְּעַלְּמָה.

MAPPĪK.

§ 26. Mappīk (מַפְיֵק *bringing out* or *uttering*), is a point in one of the letters א ו ר ה, showing that it represents a consonant and not a vowel, or in other words that it does not quiesce in the preceding vowel-sign. It is unnecessary, however, to employ any notation for this purpose in the case of א ו and ר, for their quiescence can be readily determined in all cases by the rules already given, § 13. Although it is much more extensively used in manuscripts, therefore, Mappik is in modern editions of the Hebrew Bible only inserted in final ה when it retains its consonantal power; e. g. אַרְצָה *artsāh*, אַרְצָה *artsā*, לְקַחְהָ *l'kāhhāh*, לְקַחְהָ *lak'hhā*. The point four times found in א ו רְבִיאַי Gen. 43 : 26, Ezra 8 : 18, תְּבִיאַי Lev. 23 : 17, רְאִי Job 33 : 21, though called a Dagshesh in the Masoretic notes in the margin, is probably to be regarded as Mappik.

RAPHE.

§ 27. Rāphe (רָפֵה *weak*), is a small horizontal stroke placed over a letter, and denotes the opposite of Dagshesh-

lene, Dagghesh-forte, or Mappik, as the case may be. As no inconvenience can arise from its omission, it is only occasionally used in modern Bibles, and not with entire uniformity in the different editions. It is chiefly found where a Mappik has been omitted in ה, which according to analogy might be expected to be inserted, e. g. הַיְסֻדֶּה Ex. 9:18, וְשִׁעָרָה Lev. 13:4, בְּהַטָּאָה Num. 15:28, לָהּ Num. 32:42, מִשְׁכָּמָה Job 31:22 in some copies. In הַעֲשֶׂה-לָּהּ Ex. 20:4, Deut. 5:8, it is the opposite of Dagghesh-forte, and shows that ל may either be doubled agreeably to the point in its bosom or not. In לֹא תִרְצֶה Ex. 20:13, Deut. 5:17, it is the opposite of Dagghesh-lene, and shows that the ה may either have its unaspirated sound, as the Dagghesh indicates, or may be aspirated. It is often referred to in the marginal Masoretic notes even where it is no longer found in the text, e. g. Judg. 16:16, 28.

ACCENTS

§ 28. The third class of Masoretic additions to the text are those which relate to the words. These are the accents, Makkeph, Methegh, and the K'ri. An accent (טַעַם) is written upon every word with a twofold design, 1st, of marking its tone-syllable, and 2dly, of indicating its relation to other words in the sentence. The great number of the accents has respect entirely to this second function, there being no difference in the quality of the stress laid upon particular syllables, such for example as is marked by the Greek acute, grave, and circumflex, but only that difference in its amount which arises from the unequal emphasis naturally laid upon the different members of a clause or period. The punctuators have attempted not only to indicate the pauses to be made in reading, as is done by the stops in use in other languages, but to represent to the eye the precise position held

by each word in the structure of the sentence, and the various grades of attraction or repulsion arising from the relations whether co-ordinate or subordinate which subsist among them. Every sentence is fancifully regarded as a territory, which, partitioned into its several clauses, forms empires, kingdoms, and principalities, ruled by their respective sovereigns, each of whom has his own train of inferiors and dependants. The accents are accordingly divided into Disjunctives or Rulers (מְלָכִים), and Conjunctives or Servants (עֲבָדִים). The former indicate that the word upon which they are placed is more or less separated from those that follow; they mark thus the end of a clause or of the section of a clause over which they exert control. The latter indicate that the word over or under which they are written is connected with what follows and belongs to the clause or section ruled by the next succeeding Disjunctive.

a. The stress of voice denoted by the accent must not be confounded with quantity. An accented syllable may nevertheless be short, the energy with which it is pronounced not necessarily affecting its length.

b. The Jews made use of the accents as musical notes in the cantillation of the synagogue, whence they are also called נְגִינָה. In the judgment of some this is a part, and perhaps a leading part, of their original design. Their great variety, the frequent occurrence of accents of opposite powers upon the same word, and the distinct system of poetical accents, favor this opinion. Such as are curious to know the details may find the mode of their employment for this purpose explained at length in Bartolocci Bibliotheca Magna Rabbinica, vol. iv. pp. 427-444.

§ 29. The Disjunctive accents may be divided into four classes of various rank or power, as follows, viz :

CLASS I. *Emperors.*

*1. Sillúk	(₁)	סִלּוּק:
*2. Athnahh	(₂)	אַתְנַחַּח

CLASS II. *Kings.*

3. S'gholta	([^])	סְלִקְתָּא <i>postp.</i>
4. Zākēph Kātōn	([˙])	זָקוּף קָטוֹן
5. Zākēph Gādhōl	([˙])	זָקוּף גָּדוֹל
*6. Tiphhhā	(_˘)	תִּפְחָה

CLASS III. *Lukes.*

*7. R'bhīr	([˙])	רְבִיז
*8. Shalsheleth	([˙])	שְׁלִשְׁלֵת
*9. Zarkā	([˘])	זָרְקָא <i>postp.</i>
10. Pashta	([˘])	פָּשְׁטָא <i>postp.</i>
11. Y'thībh	(_˘)	יְתִיב <i>prep.</i>
12. T'bhīr	(_˘)	תִּבְיָר

CLASS IV. *Counts.*

*13. Pāzēr	([˘])	פָּזֵר
14. Karnē Phārā	(^{˘˘})	קַרְנֵי פָרָה
15. T'līshā Gh'dhōla	([˘])	תְּלִישָׁא גְדוֹלָה <i>prep.</i>
16. Geresh	([˘])	גֵּרֶשׁ
17. G'rāshayim	([˘])	גְּרִישָׁיִם
*18. P'sīk	([˘])	פְּסִיקוּ

The Conjunctive accents, or *Servants*, are the following, viz. :

*19. Merkā	(_˘)	מֶרְקָא
*20. Mūnāhh	(_˘)	מוֹנָה
21. Merkā Kh'phūla	(_˘)	מֶרְקָא כְּפוּלָה
*22. Mahpakh	(_˘)	מַחְפָּךְ
23. Dargā	(_˘)	דַּרְגָּא
*24. Kudhmā	([˘])	קֻדְמָא
*25. Yerāhh ben Yomō	(_˘)	יְרַח בְּנֵי יוֹמוֹ
26. T'līshā Kītannā	([˘])	תְּלִישָׁא קִטְנָה <i>postp.</i>

a. Merka Kh'phula has sometimes been reckoned among the Disjunctives, as by Gesenius in his *Lehrgebäude*; but the absence of Dagheshele in the word following that on which it stands in Ex. 5:15, Ezek 14:4, proves that it is a Conjunctive.

b. According to their most probable significations, the names of the accents appear to be in part borrowed from their forms and in part from their uses. Thus the Disjunctives: Silluk, *end*; Athnahh, *rest*; Segholta, *bunch of grapes*; Zakeph, small and great, *causing suspension*; Tiphha, *palm of the hand*; R'bhî, *square or reposing*; Shalsheth, *chain*; Zarka, *dispersion*; Pashta, *expansion or letting down (the voice)*; Y'thibh, *sitting still*; T'bhîr, *interruption*; Pazer, *separator*; Karne Phara, *a heifer's horns*; T'lîsha, great and small, *shield*; Geresh, *expulsion*; G'rashayim, *double Geresh*; P'sîk, *cut off*. Conjunctives: Merka, *prolonging*; Munahh, (a trumpet) *at rest*, i. e., in its proper position; Merka Kh'phula, *double Merka*; Mahpakh, (a trumpet) *inverted*; Darga, *progress*; Kadhma, *beginning*; Yerahh ben-Yomo, *moon a day old*.

Other names are given to some of these accents, particularly where they occur in certain situations or combinations; thus Tiphha is also called Tarhâ (תִּרְחָא). Munahh with P'sîk is called L'gharmêh (לְגַרְמֵהּ), etc.

c. The classification of the Disjunctives, according to their respective powers and the laws of their consecution, has been the work of Christian writers, from whom all accurate investigations of the accentual system have proceeded. In fact, this whole subject is treated by the Jewish grammarians in the crudest and most perplexed manner. Buxtorf says, in his *Thesaurus Grammaticus*, p. 45: *Accentuum ratio hactenus nec a quorum nostrorum nec ab ipsis etiam Hebraeis sufficienter explicata est*. The division exhibited above is the one now commonly adopted. The current names, Imperatores, Reges, Duces, Comites, are those used by Wasmuth in his *Institutio Accent. Heb.* 1664. Others have divided them differently. The learned Pfeiffer, author of the *Dubiâ Vexata*, distinguishes one Emperor, one Archduke, four Dukes, seven Counts, and five Barons. Boston, the well-known author of the *Fourfold State*, in an elaborate Latin treatise upon this subject left by him in manuscript and published shortly after his death, distributes them into three classes of superior and one of inferior rank. Mention is made, in a commendatory preface by Mill, the distinguished critic of the New Testament, of another manuscript in English, in which Boston applied his views practically in a twofold translation of the first twenty-three chapters of Genesis, with copious notes, both philological and theological. This, it is believed, has never been published. A curious little book upon the Canon by Ferdinand Parkhurst, London, 1660, makes six Regal and ten Principal Disjunctives, Y'thibh and P'sîk being omitted altogether.

§ 30. 1. Fourteen of the accents are written over, and eleven under, the words to which they are attached. P'sîk, whose only use is to modify the power of other accents, is written after the word to which it belongs, and in the same line

with it. The place of the accents is either over or under the letter preceding the tone-vowel, with the exception of the prepositives Y'thibh and T'lisha Gh'dhola, which always accompany the initial letter of the word, and the postpositives S'gholta, Zarka, Pashta, and T'lisha K'tanna, which stand upon the final letter. Y'thibh is only used when the first is the tone-syllable. Pashta is repeated if the word on which it stands is accented on the penult, e. g. הָהוּ Gen. 1 : 2, or ends with two vowelless letters, e. g. רַחֵם־נָא Ruth 3 : 7, or if the last letter has Pattahh furtive, e. g. יִלְכֶּה Gen. 33 : 13, and in some manuscripts and editions there is a like repetition of S'gholta and Zarka. When a word bears the other prepositive or postpositives, there is nothing to mark its tone-syllable unless this may chance to be the one upon which the nature of the accent in question requires it to be placed.

2. Silluk has the same form as Methegh, § 44; but the former invariably stands on the tone-syllable of the last word in the verse, while Methegh is never written under a tone-syllable. Pashta is likewise distinguished from Kadhma only by its position upon the last letter of the word, and after the superscribed vowel, if there be one, e. g. אֶשֶׁר Gen. 1 : 7, מִלְאָכָה Gen. 24 : 7, while Kadhma is placed upon the letter preceding the tone-vowel, e. g. אֶשֶׁר Gen. 2 : 19: where this chances to be a final letter the laws of consecution only can decide; thus, in זָרַעְתָּ Gen. 26 : 4, צִמְתָּהּ Deut. 16 : 3, the accent is Pashta, but in הִלְזַרְעָהּ Gen. 17 : 8, צִמְתָּהּ 1 Sam. 29 : 6, it is Kadhma. Y'thibh is distinguished from Mahpakh by being written under the first letter of the word and taking precedence of its vowel if this be subscribed, e. g. עֶשֶׂב Gen. 1 : 11, קִי Gen. 31 : 6, Deut. 10 : 17; Mahpakh belongs under the consonant which precedes the tone-vowel, and after its vowel-sign if this be subscribed, e. g. הִנְיָהֵר Gen. 2 : 14, קִי Gen. 32 : 33, Deut. 4 : 7. When the initial syllable bears the tone and there is no subscribed vowel, the laws of consecution must decide; thus, in הָיָא the accent is Y'thibh in Gen.

3:15, 44:17; Deut. 10:17; but Mahpakh in Josh. 17:1.

§ 31. The accents already explained are called the prosaic accents, and are found in all the books of the Old Testament with the exception of the Psalms (תְּהִלִּים), Proverbs (מִשְׁלֵי), and the poetic portion of Job (אִיּוֹב), whose initials form the technical word מְשֻׁמָּה. Here a different system of accentuation prevails. Thirteen of the prosaic accents, one-half of the whole number, nowhere occur in the books just named, viz.: S'gholta, Zakeph-Katon, and Zakeph-Gadhol of the Kings, Pashta, Y'thibh, and T'bbir of the Dukes, Karne Phara, T'lisha Gh'dhola, Geresh, and G'rashayim, of the Counts, Merka Kh'phula, Darga, and T'lisha K'tanna of the Con-junctives. Such as are common to both systems are in the previous table distinguished by an asterisk. The powers of some of these, however, are altered, so that a new arrangement of them is necessary; and they are supplemented by additional signs formed by combining the prosaic accents or assigning them unusual positions. The scale of the poetical or metrical accents thus constituted is as follows, viz.:

DISJUNCTIVE ACCENTS.

Class I.

1. Silluk	(;)	הַקְּבֹדִי :
2. Athnahh	(א)	הַקְּבֹדִי א
3. Merka-Mahpakh	(ך)	הַקְּבֹדִי ך

Class II.

4. R'bbhi*	(')	הַקְּבֹדִי '
5. Pazer	(ם)	הַקְּבֹדִי ם
6. R'bbhi* Geresh	(׳)	הַקְּבֹדִי ׳
7. Tiphha initial	(,)	הַקְּבֹדִי , prep.
8. Zarka	(ם)	הַקְּבֹדִי ם postp.
9. P'sik	()	הַקְּבֹדִי postp.

CONJUNCTIVE ACCENTS.

10. Merka	(,)	הַקְבֹּד
11. Merka-Zarka	(,∞)	הַקְבֹּד
12. Mahpakh	(,)	הַקְבֹּד
13. Mahpakh-Zarka	(,∞)	הַקְבֹּד
14. Munahh	(,)	הַקְבֹּד
15. Munahh superior	(,')	הַקְבֹּד
16. Yerahh ben Yomo	(,v)	הַקְבֹּד
17. Kadhma	(,')	הַקְבֹּד
18. Tiphhha	(,)	הַקְבֹּד
19. Shalshleth	(,')	הַקְבֹּד

a. It will be perceived that there are fewer Disjunctives but more Conjunctives than are exhibited by the prosaic accents. Merka-Mahpakh answers substantially to S'gholta; R'libi^a-Geresh to Tiphhha before Silluk, and Tiphhha initial to Tiphhha before Athnahh. Tiphhha and Shalshleth are transferred from the list of Disjunctives to that of the Conjunctives, whence it comes to pass that if a word bearing either of these accents terminates in a vowel, Daghesht-lene will not be inserted in the following initial aspirate, e. g. קָשָׁה בְּלֵעַם Ps. 31:10, מְבִיא פְּהֵיָם Prov. 8:3, יִתְפָּשׂוּ בְּמִזְמוֹת Ps. 10:2.

b. P'sik, in the poetic as in the prosaic accents, is never used alone but always in conjunction with another accent. It serves to strengthen Disjunctives and to reduce the power of Conjunctives without disturbing the order of their consecution. It is thus used with Merka-Mahpakh Ps. 5:13, Pazer Ps. 10:14, Tiphhha initial Ps. 31:4, Mahpakh Ps. 5:9, Munahh Prov. 1:22, Merka Ps. 10:13, Kadhma Ps. 10:5, Shalshleth Ps. 7:6.

POSITION OF THE ACCENT

§ 32. The accent in Hebrew may fall either upon the ultimate or the penultimate syllable, but never at a greater remove from the end of the word. In the former case words are technically termed Milra (מִלְרֵעַ *from below*), and in the latter Milēl (מִלְעֵיל *from above*).

1. The position of the accent may be considered in relation either to the syllabic or to the etymological structure of a word, that is to say, as affected by the nature of its syllables on the one hand or of the elements of which it is composed as a significant part of speech on the other. It is so far determined by the syllabic structure of words, that a long mixed syllable or a short simple syllable, whether in the ultimate or the penultimate, must receive the accent, § 18. 2. thus: *רַבָּה*, *שָׁרָה*, *וַתְּגַמְּלֵהָ*, *וַתְּדַלֵּק*.

2. Considered in reference to their etymological structure, words exist in two conditions, (1.) their primary uninflected state, by which their essential and proper meaning is conveyed; (2.) with added affixes and prefixes, by which that meaning is variously modified. In their nude or primary state all words, whether primitives or derivatives, are accented upon the ultimate, and so continue to whatever flexion, involving no terminational appendages, they may be subjected. Thus, *פָּקַד*, *פָּקְדוֹת*, *פָּקְדוֹן*, *פָּקְדוֹן*, *פָּקְדוֹן*, *וַתְּפַקְדֵהוּ*; *זָכְרוֹן*, *זָכְרוֹן*; *מִדְבָּר*, *מִדְבָּר*; *אַרְגָּמָן*; *יְרֵמִים*; *בְּנֵי־יִשְׂרָאֵל*.

3. The only exception is a class of words called Segholates, in which the last vowel does not belong originally or essentially to the form, but is introduced for the sake of softening the pronunciation, § 61. 2; these are accented on the penultimate, as *מִלְכָה*, *סֹפֵר*, *בְּצֵחַ*, *בְּיָת*, *הַהוּא*, *בְּיָתוֹת*, *רִגְלֵי*, *רִגְלֵי*, *רִשְׁתֵּיתִי*.

a. *בְּנֵי־יִשְׂרָאֵל* Is. 50: 8 is said to be the only instance of a word accented on the antepenult. The proper tone-syllable of this word is the ultimate, but upon the recession of the accent by § 35, the vowel next preceding, which has arisen from *Sh'va* and is unessential to the form, cannot receive it, so that it necessarily falls upon the one still further back.

§ 33. The additions which words may receive at the beginning or end affect the accent in proportion to the respective weight accorded to them. Additions to the end of words are of two sorts, which may be distinguished as affixes and suffixes. Affixes are so welded to the word or merged in it

that in the popular consciousness they have become an integral part of it, and their independent existence or separate origin is no longer thought of; such are the personal inflections of verbs and the terminations indicating gender and number in nouns and adjectives. Suffixes are not so intimately blended with the word to which they are attached as to have lost their individual identity and independent character, and consequently are of greater weight as respects the accent; such are the fragmentary pronouns appended to verbs, nouns, and prepositions.

1. If the appendage consists of a vowel (as הַ, הֵ, הִ, וֹ, וֵ, וִ, יֹ, יֵ, יִ), or begins with one (as הַ, הֵ, הִ, וֹ, וֵ, וִ, יֹ, יֵ, יִ), and can consequently only be pronounced by the aid of the final consonant of the word to which it is attached, it will attract the accent to itself or to its initial vowel from a noun, adjective, participle, or preposition, as דְּבָרִי, קָדְשִׁי, קְדָשִׁים from דָּבַר; דְּבָרִי, דְּבָרֶיךָ, דְּבָרָיו from דָּבַר; דְּבָרִי, דְּבָרֶיךָ, דְּבָרָיו from דָּבַר. Such an appendage to a verb, if a suffix, will so far accord with the rule just given as to carry the accent forward one syllable; but the accent will remain in its original position if it be an affix, unless it is either dissyllabic or causes the rejection of the vowel previously accented; הַחֲרִים with a suffix הַחֲרִימֹם, but with an affix הַחֲרִימוּ עִבְדֶּךָ with a suffix עִבְדֶּךָ, but with an affix עִבְדוּ עִבְדוּ; קָם, קָמוּ, קָמָה, קָמוּ; קָלָה, קָלוּ, קָלָה, קָלוּ; קָלָה, קָלוּ, קָלָה, קָלוּ. It is to be observed, however, that a paragogic הַ or הֵ, § 61. 6, attached to nouns, pronouns, and adverbs, and occasionally a paragogic וֹ does not disturb the position of the accent, e. g. אָרְץ, אָרְצָה; נֹב, נֹבָה; so הִמָּה, אֲלָהּ, שָׁמָּה, רַבָּתִי Lam. 1:1, but מִלְאֲחֵי Isa. 1:21; neither does the feminine ending תֹּ, which is a Segholate formation, e. g. מִדְּבָרֶיךָ, מִדְּבָרֶיךָ.

a. Paragogic הַ receives the secondary accent Methegh in פָּנֵה אֲלֵם Gen. 28:2, 5, 6, 7.

2. The appending of a simple syllable, such as the

suffixes נִי, נִי, הִי, הִי, מוֹ, or the verbal affixes תִּי, תִּי, נִי, נִי, will not alter the position of the accent provided it originally stood upon the ultimate; if, however, its original place was the penult, or if the syllable in question be attached to the word by a union vowel, the accent must be carried forward one syllable to prevent its standing on the antepenult, which is never admissible: כָּסָה, כָּסָהוּ, כָּסָמוּ, כָּסָתָנִי; מָאֵס, מָאֵסָה, מָאֵסָתָנִי; מָאֵסָתָנִי; מָאֵסָתָנִי, קָלָהוּ, קָלָהוּתָהּ, קָלָהוּתָהּ. Suffixes appended to a word ending with a consonant mostly require a connecting vowel, and consequently shift the position of the accent. Affixes, by reason of the less weight accorded to them, commonly do not. The suffix תִּי follows the general rule when preceded by a union vowel, but draws the accent upon itself when it is not, e. g. לָדָהוּ, לָדָהוּתָהּ, לָדָהוּתָהּ, לָדָהוּתָהּ. A consonantal appendage to a long unaccented vowel, inasmuch as it converts the ultimate into a mixed syllable, necessarily draws the accent upon it from the penult, § 32. 1, e. g. מָאֵסָתָנִי, מָאֵסָתָנִי, מָאֵסָתָנִי; רָמַזְתָּנִי, רָמַזְתָּנִי.

3. A mixed syllable, whether an affix as תָּנִי, תָּנִי, or suffix as כָּסָה, כָּסָה, הָסָה, הָסָה, will attract the accent to itself, הִלְכָתָם, הִלְכָתָם; מִלְכָתָם, מִלְכָתָם; מִלְכָתָם, מִלְכָתָם; הִרְיָם, הִרְיָם. In the unusual form בָּלָהֶם 2 Sam. 23 : 6, the accent stands upon the union vowel.

4. The only prefixes which exercise any influence upon the position of the accent, are the Vav conversive of the future, which draws back the accent from a mixed ultimate to a simple penult, יִאֲמַר, יִאֲמַר, יִאֲמַר; and the Vav conversive of the preterite, which throws it forward from the penult to a simple ultimate, וְאָמַרְתָּ, וְאָמַרְתָּ, וְאָמַרְתָּ, וְאָמַרְתָּ.

a. Some languages invariably accent the same part of the word; thus, Bohemian and Lettish the initial syllable, Polish and Lazian, one of the Caucasian tongues, the penult of all polysyllables. Others, in which more freedom is allowed, have no respect to the etymological structure of words, but are guided entirely by the character of their syllables. Thus, in Arabic and Latin words are accented according to the quantity of the penult; the accent is given to the penult if it is long, to the antepenult

if the penult is short. In others still the etymological principle is the prevailing one, and this often has a wider scope than in Hebrew. Thus, in Greek the accent has the range of the last three syllables. In Sanscrit it may stand upon any syllable whatever even of the longest words. In English it is almost equally free, e. g. *péremptorily*, *inconsiderátion*, its removal from its primary position upon the radical portion of the word being conditioned by the respective weight of the formative syllables appended, e. g. *pérson*, *pérsonate*, *pérsonally*, *persónify*, *persónality*, *persónificátion*.

§ 34. The location of the accent being thus influenced by the etymological structure of words, it may serve to distinguish words of like appearance but different formation. Thus, מִתָּה Gen. 30 : 1, בָּטָה Gen. 29 : 6, are participles, but מִתָּה Gen. 35 : 18, בָּטָה Gen. 29 : 9, are preterites, the feminine affix receiving the accent in one case but not in the other, § 33. 1. So בָּנוּ *they built* from בָּנָה, but בָּנוּ *in us*; שָׁבוּ *they carried captive* from שָׁבָה, but שָׁבוּ *they returned* from שָׁבָה; אָחַז *he has seized*, but אָחַז Job 23 : 9 *I shall see* from אָחַז; יָרַע *it shall be evil* from יָרַע, יָרַע *he shall feed* from יָרַע; מָרָה *he was rebellious*, מָרָה *it was bitter* from מָרָה; קוּמִי *arise thou* (fem.), קוּמִי *my rising up*.

§ 35. The position of the accent may be shifted from the following causes, viz. :

1. A Conjunctive is frequently removed from the ultimate to the penult if a Disjunctive immediately follows, whether upon a monosyllable or a dissyllable accented on the penult, in order to prevent the unpleasant concurrence of two accented syllables in closely connected words, e. g. קָרָא לְיִזְחָה Gen. 1 : 5, בָּנָה לְעִיר Gen. 4 : 17, אָזְזָה לְדֵרֶךְ Deut. 32 : 36, וְהִיאָבְרוּ לְרֵפָה Ps. 2 : 12, לָקַחְתָּ לָּהּ Isa. 36 : 8. In a few exceptional cases the secondary accent Methegh remains to mark the original tone-syllable, after the principal accent has been thrown back, קָנוּ לְבָגֵר Num. 24 : 22, נָבַל יָצִיחַ Isa. 40 : 7, הִשְׁמַע עָם Deut. 4 : 33.

2. The special emphasis given to the last word of a clause or section, and represented by what are called the

pause accents, § 36, 2, *a*, is sometimes rendered more distinct by a change of the accented syllable from the ultimate to the penult, e. g. אָנְכִי, אֲנִי; אֲתָה, אַתָּה; עָלַי, עָלֶיךָ; or from the penult to the ultimate, particularly in the case of forms with Vav conversive of the future וְהִלַּךְ, וְהִלְכֶךָ; so וְהִנְמַלְכֶם, וְהִנְמַלְכִי. The accent is in a few instances attracted to a short final syllable ending in a weak letter, which either loses its sound entirely, converting the syllable into a simple one, or requires considerable effort and energy of voice to make it distinctly heard, e. g. וְהָאֵל Gen. 41 : 33 for וְהָאֵל; so וְהָאֵל Zech. 9 : 5, Mic. 7 : 10, הָשֵׁעַ Ps. 39 : 14 for הָשֵׁעַ.

CONSECUTION OF ACCENTS IN PROSE.

§ 36. 1. The second use of the accents is to point out the relation of words to one another. The Disjunctives indicate a greater or less separation between the word on which they stand and the following one; the Conjunctives indicate a connection. The greatest separation of all is effected by Silluk, which is written under the last word of every verse, and is followed invariably by two dots vertically placed (:), called Sōph Pāsūk (סֹפֵה פְּסִיק *end of the verse*). The next in power are Athnahh and S'gholta. When a verse was to be divided into two clauses, Athnahh was placed under the last word of the first clause, Silluk maintaining its position at the end of the verse. If it was to be divided into three clauses, which is the greatest number that any verse can have, the last word of the first clause receives S'gholta, the last word of the second Athnahh, and the last of all Silluk. Verses of one clause range from Gen. 26 : 6, containing three words, to such as Jer. 13 : 13 and 1 Chron. 28 : 1, containing more than twenty: the most common division is into two clauses, e. g. Gen. 1 : 1 : הָאֵל . . . הָאֵל; three clauses

are much less frequent, Gen. 1 : 7 . קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם
23 : 16, 24 : 30, 26 : 28.

a. In Job 1 : 8 S'gholta occurs in a verse of two clauses without Athnahh, probably because the accentuation is conformed to that of Job 2 : 3.

2. Each of these clauses is capable of subdivision to whatever extent its length or character may seem to demand by the Disjunctives Zakeph Katon, Zakeph Gadhol, R'bhi^a, Pazer, and T'lisha Gh'dhola, according to the number of sections to be made and the various degrees of their completeness. Thus, in Josh. 1 : 8 the clause of Athnahh is divided into five sections, קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם, in 2 Kin. 1 : 6 into six, קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם . . . קָרָאֵם. The choice of the accent to govern a particular section depends not only upon its power, but likewise upon its rank, the more exalted officer standing in ordinary cases nearer the sovereign. Accordingly toward the beginning of a clause an inferior Disjunctive will be used, even though the separation is such as would require an accent of much higher power to indicate it in a more advanced portion of the same clause. These accents, moreover, have not a fixed value like the stops in other languages; their power is not absolute but relative, and varies endlessly with the circumstances of the case. Athnahh in Gen. 1 : 1 marks the greatest division in the verse, but that is not sufficient to require a comma. In the next verse Zakeph Katon is equal to a semicolon in the first clause and less than a comma in the second. In Gen. 27 : 16 the separation indicated by R'bhi^a is wholly rhythmical.

a. Those accents which, as above described, mark the limits of clauses and sections, are denominated pause accents.

§ 37. In the sections thus created the accents are disposed relatively to the Disjunctive which marks its close. Each ruler has his servant and subordinate officer, whose

function it is to wait upon him. In other words, each Disjunctive is regularly preceded by a particular Conjunctive and inferior Disjunctive; and the train of accents in each section is formed by arranging the Disjunctives in their fixed order of succession with or without their regular Conjunctives until all its words are supplied. The trains proper to the different sections are shown in the following table :

	DISJUNCTIVES. CLASS I.	CONJUNCTIVES.	DISJUNCTIVES. CLASS II.	CONJUNCTIVES.	DISJUNCTIVES. CLASS III.	CONJUNCTIVES.	DISJUNCTIVES. CLASS IV.	CONJUNCTIVES.
PRIMARY SECTIONS.	∴ 1	∴	}	∴(∴)	∴	∴(∴)∴ ⁹	}	∴(∴)∴ ⁹
	∴	∴						
			∴	∴(∴)	∴	∴(∴)∴ ⁹		
SECONDARY SECTIONS.			∴	∴	∴(∴)	∴(∴)∴ ⁹	}	∴(∴)∴ ⁹
			∴					
					∴	∴(∴)∴(∴)	}	∴(∴)∴ ⁹
UNUSUAL SECTIONS.					∴		}	∴(∴)∴ ⁹
					∴			
							∴	∴(∴)∴ ⁹
							∴	∴(∴)∴ ⁹

a. Accents of like forms are readily distinguishable in the table by the column in which they stand. Where perspicuity requires it the distinction will hereafter be made by appending their initial letters, thus: Kadhma ^h, Pashta ^p, Mahpakh ^m, Y'thibh ^y.

§ 38. *Explanation of the Table.*—The trains preceding the three principal accents are exhibited in the horizontal lines of the uppermost division; those of the ordinary dependent sections in the middle division, and those of rare occurrence at the bottom.

1. *Train of Silluk.*—If Silluk be immediately preceded by a Conjunctive, it will be Merka; if a Disjunctive precede it in the same section, with or without an intervening Merka, it will be Tiphhha, Gen. 1 : 1. If there be a Conjunctive before Tiphhha, it will be Merka, Gen. 1 : 1; if two Conjunctives, which occurs but fourteen times, they will be Merka Kh'phula and Darga, Gen. 27 : 25, Lev. 10 : 1, 2 Chron. 20 : 30. The next Disjunctive before Tiphhha, in the same section, will be T'bhira, Gen. 1 : 4. If T'bhira be preceded by one Conjunctive, it will be Darga, Gen. 1 : 12, or Merka, Gen. 1 : 26; if by two, the second will be Kadhma, 1 Sam. 15 : 33, or Munahh, Gen. 2 : 4; and if by three, the third will be T'lisha K'tanna, Gen. 2 : 19. The next Disjunctive before T'bhira, in the same section, will be Geresh, Gen. 26 : 11, 27 : 4, or G'rashayim, Ex. 23 : 4. If Geresh be preceded by one Conjunctive, it will be Kadhma, Gen. 24 : 7, or Munahh, Isa. 60 : 17; if by a second, it will be T'lisha K'tanna, Gen. 2 : 5, or Munahh with P'sik, Gen. 28 : 9; if by a third, it will be Munahh, 1 Sam. 14 : 34; if by a fourth, it will also be Munahh, Deut. 1 : 19.

a. The parentheses of the table contain alternate accents. Thus, Merka is substituted for Darga and for Mahpakh (before Pashta in the clause of Zakeph Katon) if no more than one vowel intervenes between the Conjunctive and the king which it precedes, e. g. Gen. 1 : 22. Gen. 1 : 24, 26; Gen. 5 : 17, Deut. 1 : 2. 35. Munahh is also regularly substituted for Kadhma, whenever the accent stands on the initial letter of the word, Gen. 25 : 8, Gen. 19 : 35; 1 Kin. 19 : 7, Deut. 1 : 28; Gen. 19 : 12;

Ecc. 5 : 7. G'rashayim takes the place of Geresh provided the accent is on the ultimate and it is not preceded by Kadhma either on the same or the previous word, Ex. 16 : 23, 36 : 3. When two accents are included in a parenthesis the meaning is that if an additional accent is required, these two will take the place of the one before the parenthesis. P'sik has no separate place in the consecution, but is joined with the other accents to modify their power. It is constantly associated with the Disjunctive Shalsheleth to add to its strength, and occasionally with the different Conjunctives to reduce their strength, but without disturbing the order of their consecution, e. g. with Merka Ex. 16 : 5, Munahh Gen. 46 : 2, Mahpakh Ex. 30 : 34, Kadhma Lev. 11 : 32, Darga Gen. 42 : 13, T'lisha K'tanna 1 Sam. 12 : 3.

2. *Train of Athnahh.*—If Athnahh be preceded by a Conjunctive, it will be Munahh, Gen. 1 : 1 ; if by a Disjunctive in its own section, it will be Tiphhha, Gen. 1 : 1. The accents which precede Tiphhha have already been mentioned in explaining the train of Silluk.

3. *Train of S'gholta.*—The first Conjunctive before S'gholta will be Munahh, Gen. 3 : 3 ; if there be two, the second will be Munahh, Lev. 8 : 31, or Merka, Gen. 3 : 14. The first Disjunctive in its section will be Zarka, Gen. 1 : 28 ; and if this be preceded by one Conjunctive, it will be Munahh, Gen. 1 : 7, or Merka, 1 Chron. 5 : 18 ; if by two, the second will be Kadhma, Gen. 30 : 16, 31 : 32 ; if by three, the second will be Munahh and the third Kadhma, Lev. 4 : 35. The next Disjunctive before Zarka will be Geresh, Gen. 24 : 7, or G'rashayim, Ex. 39 : 3. The accents preceding these have been explained in 1.

4. *Train of Zakeph Katon.*—The first Conjunctive before Zakeph Katon will be Munahh, Gen. 1 : 2, the second likewise Munahh, Gen. 27 : 45. The first Disjunctive will be Pashta, Gen. 1 : 2 ; or, if the proper place of the accent be the first letter of the word, Y'thibh, Gen. 1 : 11, 2 : 11. The first Conjunctive before Pashta will be Mahpakh, Gen. 1 : 9, or Merka, Gen. 1 : 2 ; the second, Kadhma, Gen. 39 : 19, or Munahh, Gen. 1 : 12 ; the third will be T'lisha K'tanna, Ezr. 3 : 11. The Disjunctive before Pashta will be

Geresh, Gen. 1 : 24, or G'rashayim, Gen. 1 : 11 ; the further consecution is explained in 1.

a. In some instances Pashta is found not in the train of Zakeph Katon, but seeming to govern an independent section, e. g. Ex. 29 : 20, Deut. 9 : 6, Josh. 10 : 11, 2 Sam. 14 : 7, 2 Chron. 18 : 23.

5. Zakeph Gadhol is mostly used instead of Zakeph Katon when no other accent precedes it in its own section, whether upon the same word or one before it : וְאֵלֶּיךָ יָשׁוּבִים Gen. 9 : 4 (in some editions), in which it is preceded by Munahh, is exceptional.

6. *Train of R'bhi^a.*—The first Conjunctive before R'bhi^a will be Munahh, Gen. 1 : 9 ; the second, Munahh commonly with P'sik, Gen. 2 : 5, or Darga, Gen. 6 : 15 ; the third, Munahh with P'sik, Gen. 7 : 23, 31 : 29, or Merka, Ex. 14 : 10. The Disjunctive before R'bhi^a will be Geresh, Ex. 16 : 3, or G'rashayim, Deut. 1 : 11, which are preceded as in 1.

7. *Train of Pazer.*—Pazer may be preceded by one Munahh, 1 Sam. 14 : 34, by two, Ezek. 9 : 2, by three, 1 Sam. 14 : 34, or by four, Isa. 66 : 20.

8. *Train of T'lisha Gh'dhola.*—T'lisha Gh'dhola is the weakest of the Disjunctives which are ever set to rule independent sections. Its weakness is in fact such, that it is sometimes drawn into the section of a stronger Disjunctive ; thus, in Gen. 1 : 12, Lev. 4 : 7, 1 Sam. 17 : 51, Isa. 9 : 5, Neh. 5 : 18, it takes the place of T'lisha K'tanna among the antecedents of Pashta, standing between it and Geresh or G'rashayim ; in Gen. 13 : 1, 21 : 14, Deut. 26 : 12, it stands similarly between T'bhir and Geresh or G'rashayim. And in many cases, perhaps in most, when it rules a section of its own, this is a mere subsection, not so much a division of one of the principal clauses as a fragment broken off from one of the larger sections at a point where T'lisha K'tanna would have stood had the connection been sufficiently close

to require a Conjunctive, e. g. Gen. 19 : 2, 1 Kin. 20 : 28. That this is not always so appears, however, from examples like 2 Sam. 14 : 32, Gen. 7 : 7, Isa. 66 : 19, Jer. 39 : 5, and particularly Gen. 31 : 52, where $\text{וַיִּבְרַח אֶת־אֱסָתָהּ}$ corresponds to the preceding $\text{וַיִּבְרַח אֶת־אֱסָתָהּ}$. T'lisha Gh'dhola may be preceded by one Munahh, Gen. 27 : 46, by two, Josh. 2 : 1, by three, or by four, 1 Kin. 2 : 5.

9. Shalshleth occurs but seven times, viz., Gen. 19 : 16, 24 : 12, 39 : 8, Lev. 8 : 23, Isa. 13 : 8, Am. 1 : 2, Ezr. 5 : 12, and in every instance stands upon the initial word of the verse, and is accompanied by P'sik. It has consequently no antecedents.

10. Karne Phara is only used sixteen times. Its section never contains less than three words: its immediate predecessor is always Yerahh ben Yomo, to which may be added one Munahh, Num. 35 : 5, Neh. 5 : 13, 13 : 5, 2 Chron. 24 : 5; two, 2 Kin. 10 : 5, Jer. 38 : 25, Est. 7 : 9, Neh. 1 : 6, 2 Chron. 35 : 7; three, Josh. 19 : 51, 2 Sam. 4 : 2, Jer. 13 : 13; four, 1 Chron. 28 : 1; or five, Ezek. 48 : 21.

§ 39. 1. The complete trains of the several accents contain one Disjunctive from each of the inferior orders, disposed in due succession of rank, with one Conjunctive immediately preceding the first class of Disjunctives, two Conjunctives preceding the second class, three the third class, four or more the fourth class. These trains are adapted to sections of different length and character by omitting such of the Conjunctives, and more rarely by repeating such of the Disjunctives, as the mutual relations of the words may seem to require, and breaking off the series as soon as every word in the section is supplied. Thus, while the general order of consecution is fixed and invariable, there is the utmost liberty and variety in particular cases.

a. In a very few instances the Conjunctives go beyond the number here assigned. Thus, Athnahh is preceded by two Munahhs in Ex. 3 : 4,

and, according to some editions, in Isa. 48: 11. T'bhîr is preceded by four Conjunctives, Josh. 10: 11, 2 Chron. 22: 11, Isa. 66: 20; Pashta by four, Ex. 5: 8, 2 Kin. 5: 1, and even by five, Josh. 19: 51.

2. If a section consists of but a single word, this will receive the appropriate Disjunctive, the entire antecedent series of the table being then omitted as unnecessary; thus, Silluk: וְקָמָה Gen. 5: 5; Athmahh וַיֵּאמֶר Gen. 24: 34; Zakeph Katon וַיִּכְנֹזָה Isa. 1: 30; R'bhî^a וְהַמַּיִם Gen. 7: 19; Pazer וַיֵּאמֶר Gen. 22: 2; T'lîsha Gh'dhola וַיִּקַּח Gen. 19: 8. This, as has been already said, is the regular length of the sections of Zakeph Gadhol and Shalsheth; but these of S'gholta are never composed of less than two words, and those of Karne Phara never of less than three.

3. In sections of greater length there is a disposition towards a regular alternation of Disjunctives and Conjunctives upon successive words, e. g. Gen. 23: 11: , , , , , , Gen. 24: 7 [^] , [^] , [^] ' ' ^k , and consequently though two or more Conjunctives may be allowed before a particular Disjunctive, only the first of these is in the majority of cases employed. The actual relations of words may, however, so interfere with this regularity as on the one hand to cause the intervening Conjunctives to be dropped entirely, e. g. Gen. 1: 22 ^ , ^ , ^ , ^ , 1 Chron. 15: 18 ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ , or, on the other, to introduce as many Conjunctives as the table will admit, e. g. Gen. 3: 14 ^ , ^ , ^ , ^ ' ^k . But if either of the three primary sections consist of but two words, the first must have a Disjunctive accent, however close its relation may be to the second, e. g. : וַיֵּשֶׁב בְּרָם Gen. 9: 20, וַיִּפְקְדוּ עֵינֵיכֶם Gen. 3: 5, וַיִּשְׁקֹב וַיִּטְרֹם Gen. 19: 4.

a. In Gen. 24: 15, where, however, editions differ, Silluk is in a section of two words immediately preceded by Merka.

b. Sometimes an excluded term of the series will take the place of the secondary accent Methagh, § 44. Tiphhha is thus five times written upon the same word with Silluk, e. g. Num. 15: 21, and eleven times with

Athnahh, e. g. Num. 28 : 26. Munahh, Gen. 21 : 17, for which Kadhma is sometimes substituted, Gen. 18 : 21, often stands upon the same word with Zakeph Katon. Kadhma is also joined in this manner with Munahh. Lev. 10 : 12, Merka, Judg. 21 : 21, Neh. 12 : 44. Mahpakh, Lev. 25 : 46, and Geresh, Ex. 16 : 15, 21 : 22, 35. Mahpakh with Munahh, Lam. 4 : 9.

4. Occasionally a subordinate Disjunctive or its alternate is repeated in the same section with or without its antecedents. Thus, T'bhvir, Deut. 26 : 2 אֲנִי וְעַמִּי יִשְׂרָאֵל, so Deut. 30 : 20, 1 Sam. 20 : 21, 2 Kin. 17 : 36. Zarka, 2 Kin. 1 : 16 אֲנִי וְעַמִּי יִשְׂרָאֵל, so ver. 6, Gen. 42 : 21, Jer. 21 : 4, Neh. 2 : 12. Pashta, Gen. 24 : 14, 42, 48, 65 ; 1 Kin. 20 : 9. Pashta, Pashta and Y'thibh, 2 Kin. 10 : 30, Ezr. 7 : 25. Geresh and G'rashayim, Gen. 28 : 9.

a. There is a double accentuation of part of Gen. 35 : 22. and of the entire decalogue, both in Ex. 20 : 2-17, and Deut. 5 : 6-21, which involves a double vocalization in certain words, e. g. : אֱלֹהִים Ex. 20 : 3, i. e. either אֱלֹהִים or אֱלֹהִים. Single words also occur with alternative accents, e. g. with G'rashayim or Geresh and T'lisha Gh'dhola אֱלֹהִים Gen. 5 : 29, אֱלֹהִים Lev. 10 : 4, אֱלֹהִים 2 Kin. 17 : 13, אֱלֹהִים Ezek. 48 : 10, אֱלֹהִים Zeph. 2 : 15.

POETIC CONSECUTION.

§ 40. 1. The principle of the consecution is the same in the poetic as in the prosaic accents, although there is considerable diversity in the details. There is a like division of verses into clauses and sections ruled by a Disjunctive at the end, which imposes upon them its own special train of accents. The sections are fewer, however, and the trains shorter than in prose, on account of the greater brevity of the sentences in poetry for the most part. But this reduction is more than compensated by the new complexity arising from the latitude allowed in the choice of Conjunctives, which it seems impossible to reduce to fixed rules, and is probably to be referred to their use as musical notes for the

cantillation of the synagogue. It should be added, that the embarrassment arising from this inherent complexity of the subject is seriously aggravated by the numerous discrepancies in the different editions of the Bible, by which the true accentuation in the three poetical books is often involved in doubt and uncertainty.

a. In addition to availing himself of the researches of others, particularly of Nordheimer and Ewald in their discussions of this subject, the author has examined verse by verse the entire book of Proverbs and the first division of the Psalms (Ps. 1-41), as well as other selected Psalms and portions of Job. As the result, he confesses himself quite unable to disentangle the mystery; and as the only contribution he can make towards its solution he has concluded to present in detail, and in as convenient a form as possible, the facts observed, hoping that some future exploration may discover the principle of order, if any such principle there be, in this apparently inextricable confusion.

2. Verses may consist of one, two, or three clauses, distinguished by the three Disjunctives of the first class. If the verse contain but one clause, Silluk will be written upon the last word, Ps. 4 : 1 ; if it contain two clauses, the division will be made by Athnahh, Ps. 1 : 4, or by Merka-Mahpakh, Ps. 1 : 2. 3 : 3, upon the last word of the first clause ; if it contain three, the last word of the first will have Merka-Mahpakh, the last word of the second Athnahh, and the last word of the third Silluk, Ps. 1 : 1. Clauses may consist of a single section when no subdivision of them is necessary ; or they may consist of two or more sections, when the subdivision is effected by R'bhi^a or Pazer, e. g. : , ' Ps. 18 : 51, : ' Prov. 1 : 10, ' Ps. 41 : 7, ' Ps. 7 : 6, , ' Ps. 17 : 14.

8:13. If it be preceded by three Conjunctives, they will be , , , , Ps. 24:6
 , , , Ps. 10:2 (or , , , Ps. 7:6), , , , Prov. 26:25 (or , , , Ps. 28:8 or , , ,
 Prov. 29:13), , , , Ps. 4:8, , , , Prov. 3:27, , , , . If it be preceded by
 four Conjunctives, they will be , , , , , Ps. 89:2, , , , , Ps. 32:5, or
 , , , , Ps. 3:3 (in some editions , , , ,). If it be preceded by five Con-
 junctives, they will be , , , , , Job 32:6, 37:12 (in this latter example
 some editions substitute a Makkeph for Merka).

If Silluk be preceded by a Disjunctive in its own section, it will be
 R'bhi^a-Geresh, Ps. 1:1, 5:3, 10. R'bhi^a-Geresh may be preceded by one
 Conjunctive, , Ps. 5:4; by two, , , Ps. 8:2, or , , Ps. 31:10, 19; by three,
 , , , or , , , Ps. 73:4.

There are occasional deviations from the Conjunctives of the table;
 thus, R'bhi^a-Geresh is in Ps. 34:8 preceded by , , , . In some of these
 cases, however, editions differ in their notation of the accents. Thus, in
 Ps. 5:7 some editions have , , , before Silluk, others , , , ; in Ps. 18:36,
 Prov. 30:17, some have , , , , others , , , ; in Ps. 20:2 some have , , , , others
 , , , ; in Prov. 24:8 some have , , , , others , , , , the two words being joined
 by Makkeph. So, again, some editions have in Ps. 9:11 , , , before R'bhi^a-
 Geresh, in Ps. 18:44 , , , , in Prov. 27:19 , , , , in Prov. 21:17 , , , ; while
 other editions do not depart in these passages from the order given in the
 table. Similar discrepancies exist in the other sections likewise.

b. Train of Athnakh.—Athnakh may be preceded by one Conjunctive,
 , Ps. 5:8 (or , Prov. 8:30, 34), , Ps. 5:3 (or , Ps. 35:21, , Ps. 69:2),
 , Prov. 23:3, , Ps. 14:3, Prov. 6:3 (or , Prov. 16:10); by two, , , Ps.
 6:8 (or , , Ps. 7:17), , , Prov. 28:25, Ps. 5:2 (in some editions the
 latter example has , , ,), , , , Ps. 14:5, , , , Prov. 11:12, 14:21, , , , Ps.
 37:1, , , , Prov. 8:21, , , , Ps. 25:16; by three, , , , Prov. 24:21, , , , Ps.
 6:6 (or , , , Ps. 9:10, or , , , Ps. 16:10), , , , Ps. 10:17, , , , Prov.
 8:13, , , , Ps. 18:50, , , , Ps. 10:13, , , , Prov. 6:27, , , , Ps. 72:3;
 by four, , , , , Prov. 3:12, , , , , Prov. 24:16, , , , , Ps. 34:7, , , , , Ps.
 32:2 (in some editions), , , , , Prov. 1:19, , , , , Ps. 65:2.

If Athnakh be preceded by a Disjunctive in its own section, it will be
 Tiphhha initial, Ps. 1:6, 26:4. Tiphhha initial may be preceded by one
 Conjunctive, , Ps. 5:6; by two, , , Ps. 9:19 (or , , Ps. 14:1, or , , Ps.
 16:9), , , Ps. 32:11, , , Ps. 35:14, 15, , , Prov. 25:20; by three, , , ,
 Ps. 23:6, , , , Ps. 27:1, , , , Ps. 12:5 (or , , , Prov. 27:14), , , ,
 Ps. 9:14.

c. Train of Merka-Mahpakh.—Merka-Mahpakh may be preceded by
 one Conjunctive, which is almost always Yerahh ben Yomo, Ps. 1:1

though occasionally it is, in some editions at least, Merka, Ps. 15:5, 35:10, or Mahpakh, Ps. 24:8, 31:10. If it be preceded by a Disjunctive in its own section, Zarka will be employed, Ps. 1:1, Prov. 1:11.

Zarka may be preceded by one Conjunctive, Ps. 12:7 (or Prov. 1:22), Ps. 6:3, Ps. 12:3, Ps. 31:12; by two, Prov. 30:15 (in some editions), Ps. 24:10 (or Ps. 13:6), Ps. 21:10, Ps. 27:2 (or Ps. 35:26), Ps. 7:10; by three, Ps. 29:9, Ps. 31:14, Ps. 10:14; or by four, Ps. 40:6.

d. Train of R'bbhi.—R'bbhi^a may be preceded by one Conjunctive, Ps. 5:1, Ps. 8:2 (or Ps. 23:4, or Ps. 6:7), Prov. 28:22, Ps. 22:25, Ps. 11:2 (or Ps. 5:11); by two, Prov. 8:33, Ps. 28:7 (or Ps. 18:3), Ps. 9:7, Ps. 11:4, Ps. 26:1, Ps. 27:6 (or Ps. 5:9), Prov. 6:22, Ps. 18:1 (or Ps. 7:7, or Ps. 39:5), Job 16:10; or by three, Ps. 40:7, Ps. 41:7 (or Ps. 39:6, or Ps. 3:8, or Ps. 41:14), Ps. 19:14 (or Ps. 39:12), Ps. 40:11, Prov. 21:31.

e. Train of Pazer.—Pazer may be preceded by one Conjunctive, Ps. 89:20 (or Prov. 30:8), Ps. 32:5 (or Ps. 17:14); by two, Ps. 5:10, Prov. 7:23 (or Ps. 28:5), Ps. 13:3 (or Prov. 27:10), Ps. 90:4, Ps. 7:6, Ps. 39:13, Ps. 11:2, Ps. 5:12; or by three, Ps. 22:35, 23:4, Prov. 25:29 (where some editions have).

§ 42. The trains of these several accents are adjusted to sections of varying length by expedients similar to those employed with the prose accents, viz.: 1. Omitting the Conjunctives in whole or in part. 2. Repeating the Disjunctives, e. g. " Ps. 14:1, " Ps. 17:14, or their equivalents, e. g. Tiphhha initial before " Ps. 7:10, before " Ps. 9:1; " before " Ps. 18:1, before " Ps. 22:15; " before Tiphhha initial Ps. 16:17. 3. Writing two accents upon the same word, מִמְצֵוֹתֵיהֶם Ps. 5:11, הִזְרֵי Ps. 27:11, וְנִרְאֶה Ps. 18:16. 4. Uniting two or more words by Makkeph, so that they require but a single accent. 5. Writing the different parts of a compound accent upon separate words; thus, Merka-Mahpakh אֲזִי אֶמְצֵל Ps. 6:3, Merka-Zarka הִשְׁעָרַי פִּי Ps. 22:9, Mahpakh-Zarka בָּאֵת פִּי Prov. 6:3.

a. Sometimes when two accents are written upon the same word, one is the alternate of the other; thus, בְּצֵד Prov. 1:19, may be either בְּצֵד or בְּצֵד according as the accent remains in its proper position in the ultimate, or is thrown back upon the penult in consequence of the next word being accented upon its initial syllable.

MAKKEPH.

§ 43. Makkeph (מַקֵּפֶה *joining*) is a horizontal stroke by which two, three, or even four words may be united. אֶתְּ-וָאֵלֶיךָ , $\text{אֶם-תִּתְּנֶנּוּ-לִי}$ Gen. 30:31, וְשֵׁלִי-כֹל Gen. 33:11, $\text{וְאֶתְּ-קִלְבֵּי-בְרִי-אֶשְׁרֵי-לִי}$ Gen. 12:20, 25:5, Ex. 20:11, $\text{עַל-קִלְבֵּי-בְרִי-אֶשְׁרֵי}$ Ex. 22:8, $\text{עַל-קִלְבֵּי-בְרִי-שְׁחָחַץ}$ Job 41:26. It belongs properly to the accentual system, words which are closely related being often connected in this manner in order to obviate the necessity of unduly multiplying Conjunctive accents. Thus, the first fifteen words of Ex. 22:8 are in this manner reduced to eight. Monosyllabic particles are frequently, and some almost constantly, linked with the succeeding or preceding word, of which they may be regarded as in a manner appendages; thus, אֵל , עַל , אֵת , כֹּל , אֵל , בְּן , גַּם , $\text{וְאֵ$, etc. Examples are not wanting, however, of longer words similarly united, e. g. $\text{שְׁלֹשָׁה-עֶדְוִים}$ Deut. 19:15, נִפְשֵׁה-הַלְוָה 1 Kin. 17:21, אֶמְרֵה-הָהוּא Isa. 31:4. This use of Makkeph is not to be confounded with that of the hyphen in modern languages between the members of a compound, as *self-same*, *master-builder*. Words united by Makkeph are still as separate as ever in character and signification; but they are pronounced together and are accented as though they formed but one word. Hence, whatever number of words be thus joined, the last only will receive an accent. And, as a further consequence, if a word preceding Makkeph properly ends in a long mixed syllable, this will, by the loss of the accent, be shortened, אֶתְּ-שְׁלִי , קִלְבֵּי-בְרִי , or failing this, will commonly receive the secondary accent Methegh, אֶתְּ-שְׁלִיִּי .

a. Tseré remains before Makkeph in בָּן, זָר, זָר, זָר; it sometimes remains and is sometimes shortened in שֵׁשׁ, שֵׁשׁ *six*. עָרָה e. g. Gen. 16:13 שֵׁשׁ-יָהֳרָהּ, but ver. 15 שֵׁשׁ-בָּנָיָהּ. It once remains according to some editions in אָרָה Job 41:26, a word which is three times written אָרָה without Makkeph. Ps. 47:5, 60:2, Prov. 3:12. Comp. §19. 2, *a.*

b. Makkeph is occasionally found in the middle of a long word, which has been erroneously divided into two, e. g. רִשְׁתֵּי-יָמָיו Jer. 46:20, and perhaps שָׁחַח-לְקֵיחָהּ Isa. 61:1. Sometimes words are thus divided without a Makkeph to unite the sundered parts, e. g. בָּן עֲלֵימָהּ Lam. 4:3, בְּתָר בְּתֵיחָם 2 Chron. 34:6, and probably אָחִישָׁה הַגֹּב Hos. 4:18, מְרִיחַ פְּרוּחַ Isa. 2:20. (See Dr. Alexander's Commentary on this passage.) The last two examples are plainly intended by the punctuators to be read as separate words. This might likewise be done in the preceding examples if they were pointed כִּי עֲלֵימָהּ and בְּתָר בְּתֵיחָם.

METHEGH.

§ 44. Methegh (מֵתֵגַח *bridle*), a small perpendicular stroke under the initial letter of the syllable to which it belongs, is a secondary accent denoting a stress of voice inferior to the main accent. As this latter always has its place in Hebrew either upon the ultimate or the penult, distinctness was promoted and monotony relieved, especially in long words, by giving prominence to one or more of the antecedent syllables. There is a natural tendency to heighten the force of the accent by passing lightly over the immediately preceding syllable, this diminished force creating in its turn a new stress upon that next beyond it, and so on in alternate elevations and depressions to the beginning of the word. Agreeably to the principle just stated, Methegh regularly stands in polysyllables upon the second syllable before the accent, and again upon the fourth if the word have so many, e. g. וּמִתְקַיִּינֵנּוּת, מִמְסַנְנֹתֵיהֶם, בְּתֵיחָם, וּזְצִיאָיו, נִאֲסָה, הָאָלֶם. And so upon two or more words connected by Makkeph, which are pronounced as one, e. g. תְּרַאֲהֶנּוּ Gen. 22:8, כִּי-אֵב-לָקָהּ 1 Sam. 21:7.

a. Sometimes, however, particularly when the nature of the syllables requires it, §32. 1, Methegh takes the place of the principal accent before

Makkeph irrespective of the position of the accent upon the following word, מִלְּקָה־בְּבָלָהּ Num. 21:33, מִלְּקָה־תִּבְשֹׁן Num. 21:35, הַשְּׂאֲרָה־לִּי Jer. 34:1 וְכָל־שְׂהֵחֹם Gen. 30:32, הַלְּזֹאֲזֹה 1 Sam. 21:12, כִּי־לִי Ex. 19:5.

b. It is to be observed that the position of Methegh is determined by that of the tone-syllable, not by that of the accentual sign when these are not coincident, as frequently happens with prepositives and postpositives, e. g. הַזִּידֹהָ Deut. 4:26, הַזִּידֹהָיִנֵּה Josh. 22:27, where the tone falls on the penult, יְהוֹזְקִים Jer. 26:21, where the tone is upon the ultimate.

§45. The secondary accent is liable to be shifted from its normal position for the following reasons, viz. :

1. If the syllable which should receive it is mixed, it may be given in preference to an antecedent simple syllable, e. g. גַּאֲשַׁתְּמָהָה 2 Sam. 22:24, וּמִהַתְהַלְּלוּ Job 1:7, מִיַּהֲתִתְהַלְּלוּ Ezek. 42:5, שְׂאֵל־הָאִישׁ Gen. 43:7; or if none such precede, it may be omitted altogether, e. g. וַיִּמְאַסֵּם Jer. 33:24, הַיְזַרְעֲאֵלִי 1 Kin. 21:1, אֶת־כְּלֵי־הַמִּצָּחָה Deut. 6:25.

2. It is always given to simple syllables when followed by a vocal Sh'va, whether simple or compound, or a vowel which has arisen from Sh'va, the slight pronunciation proper to the Sh'va or its derivative giving new prominence to the preceding vowel, וְאָמְרוּ , וְהָיָה , לְאֲשֶׁר , בְּשִׁקְלוֹתָהּ Gen. 30:38, וְהִתְרַדְּוּ ; sometimes to intermediate syllables, § 20. 2, e. g. סִבְבֵי Isa. 9:17, 10:34, עֲמָרְהָ Obad. ver. 11, particularly after He interrogative or when Daghesth-forte has been omitted as after the article, Vav conversive, and the preposition מִן, e. g. הַמִּשְׁלַח , הַתְּשֻׁלָּח , הַלְלוּ , כְּנִירוֹת , הַצְּפֹרְדָּיִם , הַמְּנַצֵּחַ , הַצְּפֹרְדָּיִם , הַמְּנַצֵּחַ , הַתְּשֻׁלָּח , הַמִּשְׁלַח ; rarely and only as an exception to a mixed syllable standing in the first place before the principal accent, e. g. תְּרִשָּׂא Gen. 1:11, הַבְּרָאִים Ex. 12:7, זֶחֶךְ 14:2.

a. It hence appears how Methegh comes to be of use in distinguishing the doubtful vowels, § 19, and to what extent it can be relied upon for this end. As it invariably accompanies the vowel of a simple syllable when followed by vocal Sh'va, it must always be found with *ā*, *ī*, and *ū* preceding Sh'va, inasmuch as this will necessarily be vocal. Initial *ā*, the emphatic conjunction, is an exception, with which it is commonly not written, e. g. וַיִּנְקָהָ Gen. 6:19, וַיִּלְנָאָה Gen. 31:4, though it is sometimes,

קָרְבָּנִים Num. 31:12, קָרְבָּנִים Josh. 4:13, and the discrepancies between different manuscripts and editions, e. g. אֶלְכָה or אֶלְכֶה Gen. 45:28, אֶלְכָה or אֶלְכֶה Ps. 81:3, if not arising in the first instance from clerical errors, are probably to be attributed to the inferior importance of the sign itself, whose place might be presumed to be sufficiently determined even if not written.

K'RI AND K'THIBH.

§ 46. Various notes extracted from the Masora (מסורה *tradition*), a collection of remarks upon the text, are found in the margin of the Hebrew Bible, which are explained in the glossary at the end of most editions. The most important of these are the various readings known as the K'ri (קרי *read*), and K'thibh (כתוב *written*). If in any instance traditional usage sanctioned a reading different from that which was written in the text or the K'thibh, the punctuators did not venture to alter the text itself for the sake of making the correction; they went no further than to connect with the letters of the text the vowels of the word to be substituted for it in reading or the K'ri, with a reference to the margin where the letters of the substitute might be found. Thus, with the word וַיִּצְמָרוּ Josh. 6:7 is connected the marginal note וַיִּצְמָרוּ קרי. The vowels here attached to the K'thibh belong not to it but to the unpointed word in the margin, which is accordingly וַיִּצְמָרוּ. The proper vowels for the pronunciation of the K'thibh are not written, but must be supplied from a knowledge of the form indicated by the letters, which in this case is וַיִּצְמָרוּ. Again, in ver. 9, תִּקְרֵי in the text refers to תִּקְרֵי קרי in the margin; the K'ri is here תִּקְרֵי, and the K'thibh, whose vowels are left to be determined by the reader, תִּקְרֵי. Jer. 42:6 has אֲנִי where the marginal note is אֲנִי קרי; the K'ri is accordingly אֲנִי, and the K'thibh אֲנִי. In order to indicate that a given word was to be omitted in reading, it was left unpointed, and the

note *כתוב ולא קרי*, *written but not read*, placed in the margin, e. g. *המש* Ezek. 48:16, *נא* 2 Kin. 5:18, *ידרך* Jer. 51:3. If, on the other hand, a word was to be supplied, its vowels were inserted in the text and its letters placed in the margin, with the note *קרי ולא כתוב*, *read but not written*, e. g. Judg. 20:13 in the text *בני*, and in the margin *בני*, to be read *בְּנֵי*; so Jer. 31:38 *בְּאֵיִם*. In 1 Kin. 21:8 the first letter of *הַסְּפָרִים* is left unpointed as superfluous, and in Job 2:7 *עַד*, is explained by the margin to stand for *וְעַד*: so Jer. 18:23 *וְהָיָה* for *וְהָיָה*.

a. The number of these marginal readings differs in different editions. Elias Levita states that there are 848. Others have computed them to be 1,000; others still, 1,200.

§ 47. Sometimes a different reading from that of the text is suggested by the points alone without a marginal note being added in explanation, as when a particular word or orthography is regularly substituted for another of frequent occurrence. These cases are presumed to be so familiar to the reader as to require no other index of their existence than the presence of the appropriate vowels. Thus, the divine name *יהוה*, which the Jews had a superstitious dread of pronouncing, was and still is read by them as if it were *אֱלֹהִים* Lord, whose points it accordingly receives, *יהוה*, unless these two names stand in immediate connection, when, to avoid repetition, it is read *אֱלֹהִים* and pointed *יהוה* Gen. 15:2, Hab. 3:19. The antiquity of this superstition is attested by the *Kύριος* of the Septuagint, followed in the English as well as in other modern versions by the rendering LORD. The true sound of the name never having been noted, is now lost; the only clue that is left being its etymology and the form which it assumes in composition, § 62. 1, from which the conclusion has been variously drawn that it was *יהוה*, *יהוה*, or *יהוה*. The common pronunciation Jehovah is manifestly founded upon the error of combining

the consonants of this word with the vowels of another and an entirely different one. There is, however, especially as it is uncertain whether *Yahve* or *Yah'va*, or either of these, was its original sound, no good reason for abandoning the pronunciation familiar to the Christian world and hallowed by the association of constant usage for the sake of adopting another which is, or is supposed to be, phonetically more exact, any more than we need be guilty of the pedantry of preferring *Yeshayahu* to *Isaiah* because it approaches more nearly to the original pronunciation of the prophet's name. Other standing K'ris, unnoted in the margin, are הַיָּה, the form of the pronoun of the third person feminine which is used throughout the Pentateuch; this is designed to be read הַיָּה, though the sound indicated by the letters is in all probability הַיָּה. So יְשַׁבֵּר read יְשַׁבֵּר, and יְרַשְׁעוּ read יְרַשְׁעוּ.

§ 48. In the absence of definite information respecting the origin and sources of these various readings, it is difficult to determine with absolute precision the weight to which they are respectively entitled. The current opinion of the ablest Hebraists, based upon a careful scrutiny of their internal character and the relation which ordinarily appears to subsist between them, is that while the K'ri may perhaps, in a few cases, correct errors in the K'thibh, and so restore the original reading, it is in the great majority of instances an explanatory gloss rather than an emendation. With the rare exceptions already suggested, the K'thibh is esteemed the true reading, the object of the K'ri being to remove orthographical anomalies, secure grammatical uniformity, substitute usual for unusual, prevailing for obsolete words and forms, and occasionally to introduce euphemistic expressions. While the K'ri is probably not to be esteemed the original reading, therefore, it deserves attention as the grammatical or exegetical comment of a steadfast tradition.

ACCURACY OF THE POINTS.

§ 49. 1. All the Masoretic additions to the text designed to facilitate its reading have now been considered. The correctness of the pronunciation, which they yield, is vouched for not only by the esteem in which they are universally held by the Jews, but by the scrupulous minuteness of the system, its consistency with itself and with the vowel-letters of the text, its affinity with and yet independence of the vocalization of the kindred languages the Arabic and Syriac, and the veneration for the already established text which evidently characterized its authors, since they did not venture to change the text even in the slightest particular.

2. The only additional information which has come down to us respecting the true sound of Hebrew words, is furnished by the mode of writing proper names in the Septuagint version, and the few Hebrew words preserved by ancient authors, particularly Origen and Jerome. These have been subjected to an elaborate comparison with the Masoretic punctuation, and the result has been to establish their substantial agreement in the main, with, however, not a few remarkable points of divergence. In relation to this subject it should be observed, that the Hebrew pronunciation of the Seventy is inferred entirely from their mode of spelling proper names, not from words in living use in the language. The chances of inaccuracy, on the part of the translators, are here peculiarly great. Many names were not familiar and were of rare occurrence; and as no system of vowel notation then existed, they were left entirely to their independent knowledge of the sound of each individual word. These words were written by them in a foreign alphabet, whose sounds did not coincide precisely with those of the Hebrew, and in which the proper equivalents varied somewhat according to their combinations. The true sound was also de-

parted from sometimes because the laws of Greek euphony forbade its exact reproduction. The negligence with which they are chargeable elsewhere was also probably aggravated here, and in fact there are many instances in which they not merely deviate from the vowels but transpose or change the letters. Leaving out of view, therefore, such incidental discrepancies as are to be accounted for in the ways now suggested, a thorough and extended examination of the subject reveals, with all the general agreement, a number of regular and systematic deviations.

a. These are thus stated by Ewald, Lehrbuch, p. 116. (1.) An *ē* or *ī* derived from *ā* is written *ā*, as תָּרָא *Θαρα*, בַּלְעָם *Βαλααμ*, גַּבְעוֹן *Γαβαων*, מָרְיָם *Μαριαμ*; and on the other hand, *a* is sometimes written *ē*, אֲהַלִּיבְנָה *Ολιβεμα*, כֶּנֶז *Κενεζ*, פֶּז *Γεθ*, especially before *h*, as קֹרֶה *Kορε*, זָרַח *Zαρε*. (2.) *ē* is written for *ī* and *ō* for *ū*, שֵׁתִים *Χετταιοι*, גֵּיחֶנֶם *Γεεννα*, גִּדְעוֹן *Γεδεων*, מֵסְרַיִם *Μεσραιμ*, אֲחִיָּא *Οχοζαθ*, עֲזִיָּה *Οζια*. (3.) for the diphthongal *ē* and *ō* their constituents *ai* and *au* are substituted, קַיָּנָן *Kaivan*, נָבָו *Naβau*. (4.) The vowel letters are softened into their homogeneous vowels וִיבְרָא *ουικρα*, וִיבְרָר *ουιδαβηρ*. (5.) Vocal Sh'va is written as a full vowel, commonly *a*, or if an *o* follow, *o*, אָבָא *Σαβαωθ*, רַעֲיָאֵל *Ραγουηλ*, כֶּרוּבִים *Χερουβιμ*, סֹדֶם *Σοδομα*; the final vowel of Segholates is also written *ō* if *o* precedes, מֹלֹחַ *Μολοχ*, גֹּמֹר *γομορ*.

3. The regularity of these deviations seems to be best accounted for by the assumption that the pronunciation represented in the Septuagint is that which prevailed among the Jews in Egypt, which would naturally be less pure than that of Palestine represented in the vowel points, and which, moreover, betrays in the particulars recited above a strong leaning to Aramæan forms and sounds. Accordingly the view now commonly entertained is that the vowel notation of the Masorites is correct, at least in all essential particulars, and that it is properly to be put at the basis of all investigations into the phenomena of the language.

ORTHOGRAPHIC CHANGES.

§ 50. The signs thus far described represent all the sounds of the Hebrew language. Its stock of words is formed by combining these in various significant ways. The laws of such combinations, and especially the mutations to which they are subject, or which they occasion, next demand attention. When a particular idea has been attached to a certain combination of sounds, its different modifications may naturally be expressed by slightly varying those sounds. This may take place,

1. By the substitution of one letter for another of like character, and for the most part of the same organ, e. g. :

הָיָה *to be, exist*, הֵיָה *to live*; נָבַע *to pour forth*, נָבָא the same idea applied to words, *to prophesy*; נָנַק *to encircle the neck with an ornament*, חָנַק *to strangle*, אָנַק applied to sounds uttered in strangulation, *to groan*; הָגַל *to go about as a spy*, רָבַל *to go about as a merchant*; שָׂמַס *to collect*, מְנַזִּים *treasures*; כִּבְיַע a cup, קוֹבַע or פּוֹבַע a helmet (of similar shape); רָךְ *tender*, דֵּלִיקָה *delicate*, רַק *thin*; תְּקַן *to make straight*, תְּקַן *to straighten* the beam of the balance, *to weigh*; בְּבִיר *first born*, בְּבִיר *first ripe*, בִּקְרָה the first portion of the day, *the morning*; תְּלַח *to suspend*, תְּלַח applied to a bucket, *to let down*; חָצַר *to cut*, חָצַר *to reap*; זָהָב *gold*, צָהָב *yellow*; חָפְצוֹ *to conceal*, חָפְצוֹ and חָפְצוֹ *to hide away as treasures*, חָפְצוֹ *to cover with boards*; חָפְצוֹ *to destroy* by tearing down, חָפְצוֹ *to destroy* by uprooting; חָפְצוֹ *to slay*, חָפְצוֹ *to sacrifice*; חָבַל *to bind*, חָבַל *to bound*; חָרַח *to break up*, חָרַח *to break out*, חָרַח *blossom*, חָרַח *to break in pieces*; חָצַב *to cut off*, חָצַב *to hew* stone, חָצַב *to cut wood*; חָתַר *to surround*, חָתַר *to encircle the head with a crown*; חָתַח *to pour out*, חָתַח *to pour in libation or in casting metals*; חָתַר *to shine*, חָתַר *to be pure*; חָתַר *to engrave*, חָתַר *to plough*; חָתַר *to prove*, חָתַר *to approve, choose*; חָתַח *to drink*, its causative חָתַח *to break through*, חָתַח *to investigate*; חָתַח *to place*, its reflexive חָתַח.

2. By the transposition of letters, e. g. :

חָרַח *to deal violently*, חָרַח *to urge*; חָרַח *to cut with the sickle, reap*, חָרַח *to cut with the teeth*, חָרַח *bite*; חָרַח *to blow*, חָרַח *breath*; חָרַח *to collect*, חָרַח *riches*, חָרַח *storehouses*.

3. By the addition of a letter :

Thus, from the letters חָרַח, in which inheres the idea of compression, are formed חָרַח *to bind*, חָרַח *to press together*, חָרַח *to heap up*, חָרַח *to be*

straitened, גָּזַר to guard, besiege. מָצַר to restrain. מִצְרָה an enclosure; from גַּז are formed גָּזַר to cut. גָּזַר to cut off, גָּזַר to cut loose. גָּזַר to go away. גָּזַר to shear, גָּזַר to plunder, מִצְרָה hewn stone; מָצַר to unfold, make distinct, מָצַר to spread out; מִצְרָה a vineyard, גָּזַר a garden.

§ 51. Such literal changes as those just recited not only serve to express new shades of meaning, but even where the meaning remains precisely the same, they may represent diversities of other sorts. Thus, the distinction may be,

1. In point of currency or style: One form of the word being in more common and familiar use, the other more rare and savoring, perhaps, of the elevated or poetic style, e. g.:

גָּזַר to guard, מָצַר poetic; מִצְרָה cypress, מִצְרָה once in poetry; מָצַר to shut, rarely מָצַר; מִצְרָה storm, מִצְרָה rare and poetic; מָצַר to cover, once מָצַר; מָצַר to be quenched, once מָצַר; מָצַר to abhor, once מָצַר; מָצַר to be foolish, once מָצַר; מָצַר iniquity, once מָצַר.

2. Of antiquity: The pronunciation of a word or its form may undergo changes in the lapse of time. Of the few instances of this sort, which our imperfect data enable us to fix upon with some measure of confidence, the following may be taken as specimens, e. g.:

To laugh in the Pentateuch מָצַר, in other books (Judg. 16:25 excepted) מָצַר; to cry out in the Pentateuch מָצַר, only once (Ex. 2:23) מָצַר which is the more frequent form in other books; מָצַר. מָצַר a lamb, occur in the Pentateuch interchangeably with מָצַר, מָצַר, which are the only forms found in other books; a sceptre מָצַר, but in the book of Esther מָצַר; Damascus מָצַר, in Chronicles מָצַר; how 1 Chron. 13:12, Dan. 10:17 מָצַר, in earlier books מָצַר.

3. Of Dialect: The same word may come to be pronounced differently by those who speak distinct though related languages. Thus, the Aramæan dialects, the Chaldee and Syriac, in very many words regularly substitute ס for the Hebrew final ה, and the corresponding linguals for the Hebrew sibilants, ס being sometimes still further weakened by the loss even of the lingual sound to that of the guttural ע, e. g.:

Heb. הָדָה *to wander*, Chald. הָדָה, Syr. ܗܕܗ; Heb. הָדָה *gold*, Chald. הָדָה, Syr. ܗܕܗ; Heb. הָדָה *a rock*, Chald. הָדָה, Syr. ܗܕܗ; Heb. הָדָה *three*, Chald. הָדָה, Syr. ܗܕܗ, Arab. ثَلَاثَة; Heb. הָדָה *the earth*, Arab. أَرْض, Chald. הָדָה, Syr. ܗܕܗ. Other consonant changes: Heb. בֶּן *a son*, Arab. ابْن, Chald. בֶּן, Syr. ܒܢ; Heb. הָדָה *to kill*, Arab. قَتَلَ; Heb. הָדָה, Syr. ܗܕܗ; Heb. הָדָה *a throne*, Chald. הָדָה, Syr. ܗܕܗ, Arab. مَدِينَة; Heb. הָדָה *a field*, Chald. הָדָה, Syr. ܗܕܗ, Eth. ስፍራ :

4. Of simple euphony: An alternate form of a word may be produced to facilitate its pronunciation or make its sound more pleasing, e. g.:

אֶרֶז, אֶרֶז purple; טֹהַר, טֹהַר *to hate*; הַשְׂפָחָה, הַשְׂפָחָה chamber, הָדָה Achan; נְבוּכַדְרֶצְצַר, נְבוּכַדְרֶצְצַר Nebuchadnezzar; הָדָה Doeg; אֶלְטָנִים, אֶלְטָנִים *almug or algum trees*; הַלְּטָמוֹת, הַלְּטָמוֹת teeth.

a. Mere varieties of orthography must not be mistaken for consonantal changes, e. g. לָא occasionally for לֵא and *rice versa*, probably שְׂפָחָה for שְׂפָחָה, and such permutations of gutturals as abound in the manuscripts of the Samaritans, who, making no distinction in the sounds of these letters, perpetually confounded them in writing, Gesen. Sam. Pent. p. 52. A like faulty pronunciation has been attributed to the Galileans, to which there is a probable allusion in Matt. 26:73. Buxtorf Lex. Chald. p. 434.

§ 52. The changes thus far described result in the production of distinct words, and belong to the domain of the lexicon rather than of the grammar. The lexicographer regards such words as cognate, and traces them back to their common source; but, in the view of the grammarian, they are totally distinct. The mutations with which the latter concerns himself are such as take place in the direct derivation and inflection of words. These are altogether euphonic, are more restricted in their character, and take place within far narrower limits, than those heretofore considered. When words are subjected to grammatical changes their sounds are brought into new connections, attended, it may be, with

a difficulty of utterance which demands some measure of relief, or they pass readily and naturally into other sounds, which are easier of pronunciation or more agreeable to the ear. The mutations thus induced are of three sorts, viz.: Consonant Changes, the Conversion of Consonants into Vowels, and Vowel Changes. These will require to be considered separately.

CONSONANT CHANGES.

§ 53. The first class of changes embraces those which affect the consonants. These mostly arise from the concurrence of two consonants, creating a difficulty in the pronunciation or yielding a sound displeasing to the ear. This may take place either at the beginning or the close of a syllable. Syllables in Hebrew may, and often do, begin with two consonants, § 18. 1; but the necessity of this is avoided in certain cases by the following expedients:

1. In the beginning of words the weak letter ה is sometimes prefixed with a short vowel, thus creating a new initial syllable to which the first consonant may be transferred.

a. The only instances of this are afforded by the second and seventh conjugations of verbs, the Niphal and Hithpael, e. g. הַקָּטַן = הַקָּטַן; הַקָּטַן; הַקָּטַן probably for הַקָּטַן § 82. 5. b. In שְׂאֵל Ezek. 14:3 א is prefixed instead of ה. Prosthesis is more common in the domain of the lexicon, where א is always the letter used, e. g. זְרוּעַת זְרוּעַת arm; הַיְמִינִי, הַיְמִינִי yesterday. A prefixed א is even occasionally employed to soften the pronunciation without the necessity stated above, e. g. אֲבִיבִים, אֲבִיבִים, אֲבִיבִים. So in Chaldee אֲרִם blood, Heb. אֲרִם; אֲנָן garden, Heb. אֲנָן. In Arabic the concurrence of two consonants at the beginning of a word is regularly obviated by prefixing ا. Comp. Greek χῆς, ἐχῆς.

2. The first of the concurrent consonants, if it has a comparatively feeble sound, is sometimes dropped.

a. This occurs regularly in verbs whose first radical is **ו** or **נ**, and in nouns derived from such verbs, e. g. **שָׁב** for **וָשַׁב**, **הִקְדָּח** for **וְהִקְדָּח**. **בָּוֵל** for **וּבָוֵל**, **תָּחַן** for **וַתָּחַן**, **חָרַי** Ezek. 2:10 for **וַחָרַי**, **תְּשַׁמֵּל** Ezek. 1:4 for **וַתְּשַׁמֵּל**, and perhaps **פָּאֵר** Am. 8:8 for **וַפָּאֵר**.

א is thus dropped in **לְחַנּוּ** for **וַלְחַנּוּ**, **שָׁשַׁר** for **וַשָּׁשַׁר**; also in a few instances from the beginning of the second syllable of words, e. g. **אֶצְבְּרָהּ** Ezek. 28:16 for **וַאֶצְבְּרָהּ**; **אֶזְרִי** Job 32:11 for **וַאֶזְרִי**; **הַסּוֹלִים** Eccl. 4:14 for **וְהַסּוֹלִים**; **הַמְּלָחִים** 2 Chron. 22:5 for **וְהַמְּלָחִים**; **מְסַרְחָה** Ezek. 20:37 for **וּמְסַרְחָה**; **אֶחָב** Prov. 8:17 for **וְאֶחָב**; **זִוְיָן** Prov. 17:4 for **וּזִוְיָן**; **שִׁלְחָהּ** 1 Sam. 1:17 for **וּשִׁלְחָהּ**. These examples likewise admit of a different explanation; **א** may give up its consonantal power, losing its sound in that of the preceding vowel, agreeably to §57. 2 (2), after which it may readily be dropped altogether.

מ is occasionally dropped from the participles of the Pual or fourth conjugation, as **לָקַח** for **מִלְקָחַת**; **ל** in **קַח** for **לְקַח**; **ה** in **לָבַח** Ex. 3:2 for **מִלְבָּחַת**; **לָבַחַת** Ex. 7:22 for **מִלְבָּחַת** Ex. 7:11; and perhaps **סוּחָהּ** Gen. 49:11, which appears to be for **מִסּוּחָהּ**.

b. The rejection of a consonant from the beginning of a syllable, when not immediately followed by another consonant, is exceptional; as **בָּרַד** Judg. 9:11 for **וּבָרַד**; **תָּהָה** 2 Sam. 22:41 for **וּתָהָה**; **חַד** Ezek. 33:30 for **וַחַד**; **הַשִּׁפּוּחַ** Neh. 3:13 for **וְהַשִּׁפּוּחַ**; **הַחֲזַלְחָרִי** Judg. 9:9 for **וְהַחֲזַלְחָרִי**, and perhaps **שׁוּב** Jer. 42:10, which seems to be for **וּשׁוּב**.

3. The second consonant is sometimes dropped, if it is a letter of feeble sound.

a. This is regularly the case with **ה** of the article and of verbal pre-fixes, and **ו** as the final radical of verbs, e. g. **לְחַבְרָה** for **וּלְחַבְרָה**, **רָקְעִי** for **וּרָקְעִי**.

It occurs besides in a few sporadic examples with these same letters, and more rarely still with **א**, **ו**, and **ט**, e. g. **זִי** for **וּזִי** Ezek. 2:10 for **וּזְחִי** for **וּזְחִי**; **רְחֹמֶיךָ** for **וּרְחֹמֶיךָ** and **רְחֹמֶיךָ** with Dag-hesh-forte conservative for **וּרְחֹמֶיךָ** and **רְחֹמֶיךָ**; **נִדְחִי** Lam. 3:53 for **וּנִדְחִי** Gen. 3:16 for **וּתְרִיחֶיךָ**; **בְּלָשׁוֹן** Job 35:11 for **וּבְלָשׁוֹן**; **הַמְּלָחִים** Ex. 26:24 for **וְהַמְּלָחִים**; **רָחֵל** Isa. 13:20 for **וּרָחֵל**; **חַזְרִי** 2 Sam. 22:40 for **וּחַזְרִי**; **בִּר** Isa. 3:24 for **וּבִר**; **בְּרִי** for **וּבְרִי**; **בְּרִי** as a particle of entreaty, probably for **וּבְרִי**; **נִשְׁתַּחֲוֶה** for **וּנִשְׁתַּחֲוֶה**; **בְּרִי** the name of a Babylonish deity for **וּבְרִי**; **בְּעַל** is a foreign contraction. The conjecture that **בְּכוֹ** Mic. 1:10 is for **וּבְעַל** in *Accho* is ingenious and favoured by the occurrence of **בְּגַת** in *Gath* in the parallel clause; but it is at variance with the points, which, upon this hypothesis, should be **בְּכוֹ**.

b. In rare cases this rejection occurs even after a mixed syllable, whose final consonant is thus drawn forward, e. g. **אֶחָה** for **וּאֶחָה**, **חָמָה** Job 29:6 for **וּחָמָה**; **תְּהַצֵּב** Ex. 2:4 for **וּתְהַצֵּב** and probably **אֶשֶׁק** Ps. 139:8 with Dag-hesh-forte conservative for **וּאֶשֶׁק**.

§ 54. When the concurrence takes place at the close of a syllable, whether the second consonant belongs to the same syllable with the first as at the end of words, or to a different syllable as in the middle of words, the following changes may be produced.

1. An aspirate following another consonant loses its aspiration, § 21; or if it be brought into juxtaposition with its like so as to form a doubled letter, the aspiration of both will be removed, § 23. 2, unless the combination occurs at the end of a word, where the reduplication is not expressed, § 25. Thus, מֵתָ for מֵתָהּ, הַתְּמִים for הַתְּמִים, לִבְהֵן for לִבְהֵן, but רב from רָבב, מְשֻׁרָה 1 Kin. 1 : 15 for מְשֻׁרָה or מְשֻׁרָה, מְהַבֵּה Ezek. 4 : 3 for מְהַבֵּה, מְשֻׁרָה Mal. 1 : 14 for מְשֻׁרָה.

2. The first of two concurring consonants is in certain cases assimilated to the second, the doubling thus occasioned being expressed as in the case of letters originally alike by Daglish-forte, except at the end of words, § 25, where Daglish disappears or is only virtually present, being resumed upon the addition of a fresh vowel or syllable. This is most frequently the case with the liquid ׀, rarely with ל and ׀ and only in particular words; so ה of the Hithpael of verbs before ד and ט, and in a few instances before sibilants and other letters, and ד at the end of a few words before ה. Thus, דָּהֵן for דָּהֵן, מְהַבֵּה for מְהַבֵּה; דָּלָה for דָּלָה, דָּבָר for דָּבָר; דָּבָר Ezek. 27 : 23 for דָּבָר Am. 6 : 2; דָּבָר for דָּבָר; דָּבָר for דָּבָר, דָּבָר for דָּבָר, דָּבָר for דָּבָר, דָּבָר for דָּבָר, דָּבָר for דָּבָר, דָּבָר for דָּבָר, דָּבָר for דָּבָר.

a. So perhaps כ in מְשֻׁבָּה according to Gesenius for מְשֻׁבָּה and מְשֻׁבָּה. Compare Greek συγγενής for συγγενής, τέτυμμαι for τέτυμαι, and Eng. *il-logical, ir-religion, im-mature* formed by the negative prefix *in*.

3. A few isolated cases occur of the reverse process more common in Chaldee and Syriac, by which a doubled letter is resolved into two different consonants by the change of the

first or the second member of the reduplication to a liquid ר or ך, e. g. מְכַבֵּל for מְכַבֵּל, דְּרַמְשֵׁק for דְּרַמְשֵׁק, מְצַדִּיקָה for מְצַדִּיקָה Isa. 23 : 11 for מְצַדִּיקָה, מְצַדִּיקָה Job 18 : 2 in the judgment of some for מְצַדִּיקָה ends, though others make the ך a radical, and give the word the sense of *snares*. The conjecture that תְּמַנֵּה Ps. 64 : 7, Lam. 3 : 22 is for תְּמַנֵּה is unnecessary and unwarranted.

4. When ה of the Hithpael of verbs would stand before a sibilant, it is transposed with ס and ש, and with ז it is in addition changed to ט. Thus, מְסַתְּמֵר for מְסַתְּמֵר, נְשַׁתְּמֵר for נְשַׁתְּמֵר, נְשַׁתְּמֵר for נְשַׁתְּמֵר, נְשַׁתְּמֵר for נְשַׁתְּמֵר.

a. In הִתְשַׁבֵּחַ Jer. 49 : 3 the transposition does not take place in consequence of the number of similar letters which would thus be brought into proximity. In the cognate languages ה is likewise transposed with ז and changed to ז; thus, Chald. הִתְשַׁבֵּחַ for הִתְשַׁבֵּחַ; so, also, in Syriac and Arabic. The only example of a Hebrew verb whose first letter is ז appearing in this conjugation is הִתְשַׁבֵּחַ Isa. 1 : 16, where ה is assimilated agreeably to ז. Compare with these transpositions the frequent Doric change of ζ (= δσ) into σδ, as στυρίσδω for στυρίζω.

§ 55. The occurrence of a consonant at the end of a word may, inasmuch as the succeeding word must necessarily begin with one, be regarded as an additional case of the concurrence of consonants. As the contact is less close, however, than when they meet in the same word, it is less fruitful of changes than in the cases already considered.

1. There are three instances in which it has been doubtfully conjectured that a final ה has been assimilated to a following initial מ; viz. מְשַׁמֵּחַ Isa. 35 : 1 presumed to be for מְשַׁמֵּחַ; מְשַׁמֵּחַ Num. 3 : 49 for מְשַׁמֵּחַ Ex. 21 : 30, Ps. 49 : 9; מְשַׁמֵּחַ Gen. 28 : 12.

a. Final consonants are in Sanskrit perpetually modified by the initial letter of the following word. But it is by no means clear that this is so in Hebrew, even in the examples alleged, as the forms admit of a different explanation. See in regard to the first passage, Dr. Alexander's Commentary.

2. A few cases occur of the rejection of a letter, chiefly ך and ם, from the end of a word.

a. ך of the verbal endings ךֿ and ךֿי is almost always dropped, being only retained as an archaic or emphatic form, and chiefly at the end of a clause, e. g. ךִּֿיִּן Deut. 8 : 16, but mostly ךִּֿיִּי; ךִּֿיִּיִּן Gen. 32 : 20, commonly ךִּֿיִּיִּי; ךִּֿיִּיִּיִּן Ruth 3 : 4, commonly ךִּֿיִּיִּי. So, too, in some proper nouns, ךִּֿיִּיִּיִּן Zech. 12 : 11. ךִּֿיִּיִּיִּי Josh. 12 : 21; ךִּֿיִּיִּי, whose original ךִּֿיִּי is shown in the derivative ךִּֿיִּיִּי and is perpetuated in the modern name *Seilán*.

b. In like manner ם is rejected from the dual and plural terminations of nouns upon their entering into the close connection of the construct state with the following word, אָזְזִיִּי from אָזְזִיִּיִּי, בָּתָּיִּי from בָּתָּיִּיִּי.

c. If the feminine endings תֿ and תֿי have, as is probable, a common origin, this may be best explained by the assumption that תֿ is in many cases rejected from the termination, leaving only the vowel, though it is always retained when any addition is made to the word: thus, the construct state תִּֿיִּיִּי, absolute תִּֿיִּיִּי, but with a suffix תִּֿיִּיִּיִּי; תִּֿיִּיִּיִּיִּי (comp. אָזְזִיִּיִּי Deut. 32 : 36), תִּֿיִּיִּיִּיִּיִּי. It is to be observed here, that this phenomenon does not establish the possibility of an interchange between the consonants תֿ and תֿי, because תֿ in this case represents not *h* but the vowel *a*.

§ 56. A few other changes remain to be mentioned which are due to special causes.

1. Nun is often inserted in certain forms of verbal suffixes to prevent the hiatus between two vowels, גַּעְבְּרָהוּ Jer. 5 : 22, or § 53. 3. a. גַּעְבְּרָהוּ Isa. 33 : 21 for גַּעְבְּרָהוּ, אָרוּמְמָהוּ Ex. 15 : 2 for אָרוּמְמָהוּ. Comp. Gr. *ánóσios* and English indefinite article *an*.

2. Vav at the beginning of words is changed to ך, e. g. וְעָד for וְעָד, וְעָד for וְעָד, וְעָד for וְעָד. The only exceptions are the four words וְעָד, וְעָד Prov. 21 : 8, וְעָד Gen. 11 : 30, וְעָד 2 Sam. 6 : 23 (K'ri), and the prefixes Vav Conjunctive and Vav Conversive.

3. Vav, though capable of being reduplicated, e. g. וְעָד is in most instances relieved from this necessity by the substitution of ך, or by doubling the following letter in its stead, e. g. וְעָד or וְעָד for וְעָד.

a. In one instance after such a change of ו to י, a following י suffers the contrary change to ו to prevent the triple recurrence of the same letter, אַרְיָה Isa. 6:9 for אַרְיָה.

4. Yodh before the plural termination ים is in a few cases changed to א to prevent the conjunction of like sounds, תְּלוּאִים Hos. 11:7 for תְּלוּלִים Josh. 10:26; אַבְיָאִים Hos. 11:8 for אַבְלִים Gen. 10:19; הַדְדָּיִם from הַדְדֵי; אַבְיָאִים (also אַבְיָאִים) for אַבְלִים; בְּלוּאֵי Jer. 38:12 for בְּלוּי (or as some read, בְּלוּי) ver. 11.

a. In like manner ו is changed to א before וה in the word נְאוֹה from נְוָה; it is consequently unnecessary to assume, as Gesenius does, a singular נְוָה which never occurs.

CHANGE OF CONSONANTS TO VOWELS.

§ 57. The second class of changes is the conversion of consonants into vowels, or the substitution of the latter for the former. This occurs,

1. Occasionally in reduplicated syllables or letters, פּוֹכֵב for פּוֹכֵב; טַפְּטַפּוֹת for טַפְּטַפּוֹת; בָּבֵל for בָּבֵל Gen. 11:9; אַלְחָוֹחַ 2 Chron. 35:13 from אַלְחָחַ Prov. 19:24.

2. Much more frequently with the quiescents.

(1) A prefixed ו is softened to its homogeneous vowel \bar{u} before other labials or vowelless letters, e. g. וּדְבַר, וּבְרִית; the softening of an initial ו to \bar{v} only occurs in אִישִׁי 1 Chron. 2:13 for אִישִׁי ver. 12, אִשׁ 2 Sam. 14:19, Mic. 6:10 for אִשׁ.

(2) Medial or final quiescents without vowels of their own often lose their sound in that of a preceding vowel. This is invariably the case with ו and י following their homogeneous vowels, e. g. הַיְרֵד for הַיְרֵד § 59, בְּהַנְדָּה for בְּהַנְדָּה, אֶלְהָה, אֶלְהָה, and occasionally even

then, e. g. מִימִי for מִימִי. Final ם always, and medial ם frequently, gives up its consonant sound after any vowel whatever, e. g. מִצָּה, מִצָּה, מִצָּה for מִצָּה.

a. Medial ם regularly loses its consonantal power in the future Kal of Pe Aleph verbs, e. g. יִצָּל in יִצָּל; in יִצָּל preceded by ל, thus יִצָּל; in יִצָּל and certain forms of יִצָּל preceded by the prefixes ו, ב, ב, thus יִצָּל, יִצָּל, but יִצָּל; יִצָּל, יִצָּל, but יִצָּל, יִצָּל, יִצָּל. The following examples are of a more individual character, e. g. יִצָּה for יִצָּה, יִצָּה 1 Kin. 11:39 for יִצָּה, יִצָּה Num. 11:4, יִצָּה Jer. 40:1, יִצָּה Isa. 14:23. In a few cases this has led to a change of orthography, the ם which is no longer heard being dropped, or another vowel letter substituted for it, e. g. יִצָּל Ezek. 42:5. and יִצָּל Hos. 11:4 from יִצָּל, יִצָּל Job 8:8 for יִצָּל, יִצָּל Deut. 32:32 for יִצָּל, and the examples cited §53. 2. a.

b. The consonant ה never loses its sound in that of a preceding vowel like the rest of the quiescents. The letter ה is often used to denote a vowel, but if in any word it properly expresses a consonant this is never converted into a vowel, or *vice versa*. The exceptions are apparent not real, as in the frequent abbreviation of the ending ה for proper names to ה, thus יִצָּה, יִצָּה. The change here does not consist in the rejection of the vowel ו and the softening of the consonant ה, but the syllable ה is dropped, whereupon final Kamets is written by its appropriate vowel letter, §11. 1. a, just as יִצָּה after the rejection of ה becomes יִצָּה. So in those rare cases in which ה is substituted for the suffix ה, e. g. יִצָּה Lev. 13:4 for יִצָּה. The proper name יִצָּה Num. 34:28 is derived not from יִצָּה but יִצָּה, a root of kindred meaning, of whose existence, though otherwise unattested, this word is itself a sufficient voucher.

(3) Medial ם often gives its vowel to a preceding vowel-less letter and rests in its sound; י occasionally does the same with a homogeneous vowel, when preceded by a vowel-less prefix.

a. Thus, ם: יִצָּה for יִצָּה, יִצָּה for יִצָּה, יִצָּה Ezek. 25:6 from יִצָּה ver. 15; יִצָּה Ps. 139:20 for יִצָּה, so יִצָּה Jer. 10:5; יִצָּה; יִצָּה Neh. 6:8 for יִצָּה; יִצָּה Isa. 51:20, יִצָּה Deut. 14:5; יִצָּה 1 Sam. 14:33 for יִצָּה; יִצָּה Isa. 10:13 for יִצָּה; יִצָּה Zech. 11:5 for יִצָּה; this even occurs after mixed syllables, e. g. יִצָּה for יִצָּה; יִצָּה for יִצָּה, particularly in proper nouns יִצָּה for יִצָּה, יִצָּה for יִצָּה. So, יִצָּה for יִצָּה, Eccles. 2:13 for יִצָּה; יִצָּה Jer. 25:36 for יִצָּה; יִצָּה Prov. 30:17 for יִצָּה. There is no instance of this with ו, on the contrary, קִצָּה Cant. 5:2, 12.

(4) At the end of words ו and י, when without a vowel of their own and preceded by a vowelless letter, invariably

quiesce in their homogeneous vowels, ו in an unaccented \bar{u} , י in \bar{i} , which draws the accent upon itself and frequently causes the dissolution of a previous syllable and the rejection of its vowel, בָּהֵן for בְּהֵן, רִשְׁתָּהֶן for רִשְׁתֵּן; יָהִי for יְהֵן, פָּרִי for פְּרֵן, דְּמִי for דְּמֵן.

(5) When preceded or accompanied by heterogeneous vowels, ו and י are sometimes dropped, or if the vowel be a , they not unfrequently combine with it, forming the diphthongal o and e , § 62. 1, e. g. הַיָּצֵק for הַיֹּצֵק, גָּלָה for גְּלֵי, גָּלָה for גְּלֵי, קָם for קָם, הַקָּיִם for הַקָּיִם, מָה for מָה, הַיֹּשֵׁב for הַיֹּשֵׁב, הַיֹּשֵׁב for הַיֹּשֵׁב, הַיֹּשֵׁב for הַיֹּשֵׁב, מִוֹת construct state of מִוֹת, בֵּית const. of בֵּית, הַיֹּלֵל for הַיֹּלֵל, הַיֹּלֵל for הַיֹּלֵל.

a. Vav rarely remains with a heterogeneous vowel unless accompanied by weak letters, by contrast with which it becomes comparatively strong, e. g. הָוָה, הָוָה, הָוָה.

VOWEL CHANGES.

§ 58. 1. The third class of changes embraces those which take place in the vowels. The primary office of the vowels is to aid in pronouncing the consonants, to which consequently they are quite subordinate, merely occupying, so to speak, the interstices between them. Their number and variety being greater, however, than is demanded for this single purpose, they have besides to a certain extent an independent value and meaning of their own in the constitution of words. (1) Changes of vowels, while they cannot like a difference of consonants create distinct verbal roots, are yet fruitful of those minor modifications of which etymology takes cognizance, such as the formation of derivatives and grammatical inflexions, e. g. גָּדֵל *to be great*, גְּדֻלָּה *greatness*, גָּדוֹל *great*; קָטַל *he killed*, קָטַל *to kill*, קָטַל *kill thou*, קָטַל *killing*, קָטַל *killed*; סוּס *a horse*, סוּסָה *a mare*. (2) They may indicate differences in the forms of words which have

arisen in the lapse of time; זָרָה in the Pentateuch means indifferently *girl* or *boy*, in later books *girl* is נַזְרָה; הוּא in the Pentateuch *he* or *she*, in other books *she* is always הִיא; the form of the demonstrative הַזֶּה is found only in Genesis, הַזֵּה in writers after the time of Moses, הַזֶּה in Ezekiel; the plural of the demonstrative in the Pentateuch הֵם or הֵנָּה, elsewhere, with a single exception, הֵנָּה. The imperfect notation of the vowels in the original mode of writing by letters alone has, however, left us without the means of ascertaining to what extent such changes may have taken place. (3) They may indicate diversity of dialect, e. g. קָטַל *to kill*, Chald. קָטַל, Syr. كَتَلَ, Arab. كَتَلَ, Ethiop. ቀጥለ:

2. The vowel changes with which orthography is concerned, on the other hand, are purely euphonic, being in themselves void of significance, and springing solely from the natural preference for what is easier of utterance or more agreeable to the ear. Orthographically considered, vowels are either mutable or immutable, the latter being unaffected by those circumstances which occasion changes in the former. A vowel may be immutable by nature, or made so by position. A short vowel in a mixed syllable before the accent is ordinarily immutable by position, being beyond the reach of the common causes of mutation, e. g. מִשְׁפָּחָה, מִדְבָּר. Long vowels are immutable by nature in certain words or classes of words; but they are only distinguishable as such by a knowledge of the etymological forms which require them. It may, however, be observed, as a general though not an invariable rule, that the vowels of such words and forms as are prevailingly written with the vowel letters are less liable to mutation than those which are prevailingly written without them. Mutable vowels are liable to changes both of quantity, from long to short, and the reverse, and of quality from pure to mixed (*u* to *o*, *i* to *e*, *a* to *ë*) and the reverse, these changes being confined, except in rare in-

the gutturals, or by their concurrence. The peculiarities of the gutturals are fourfold, viz. :

1. A preference for the vowel Pattahh of the same organ, into which, consequently, a preceding or accompanying vowel is frequently converted, e. g. שָׁלַח for שֶׁלַח; שָׁמַע for שֶׁמַע; רָגַבְתָּ for רֶגַבְתָּ; שָׁמַע for שֶׁמַע; שָׁמַע from שֶׁמַע.

a. The instances in which this permutation occurs cannot easily be embraced under any general rules. In some cases it was optional; in others, usage decides for it or against it without, however, being absolutely uniform. The following statements embrace what is of most importance. (1) The stability of the vowel often depends upon the weight attached to it in the etymological form; thus, שָׁמַע in the imperative but not in the infinitive for שֶׁמַע; רָשַׁעַת for רֶשַׁעַת, but שָׁמַע not שֶׁמַע for שֶׁמַע. (2) The vowel preceding the guttural is more liable to change than that which succeeds it. e. g. רָשַׁעַת always, but רֶשַׁעַת and רֶשַׁעַת; נִחַם but נֶחַם; יָצַק but יֶצַק. (3) An accented vowel is sometimes retained where one unaccented would suffer change, e. g. רָחַם but רֶחַם; יָצַק but יֶצַק. (4) *O* and *u* are less subject to alteration than *i* and *e*, e. g. שָׁמַע for שֶׁמַע; *a* which is already cognate with the gutturals is mostly retained, though it occasionally becomes *ā* before ה, e. g. יָצַק from יֶצַק, Job 31:24 (in most copies) from יֶצַק, רָחַם from רֶחַם. (5) *א* in many cases prefers the diphthongal vowels *e* and *o*, thus אָרַם, אָרַם, אָרַם but אֶרַם; אָרַם, אָרַם. (6) ר partakes of this preference for *ā* to a limited extent, e. g. אָרַם for אֶרַם or אִרַם; אָרַם from אֶרַם.

2. The reception of Pattahh furtive, § 17, at the end of a word after a long heterogeneous vowel (i. e. any other than *a*), or before a vowelless final consonant, e. g. אָרַם, אָרַם, אָרַם, אָרַם.

a. This is necessary when the vowel preceding a final guttural cannot be converted into Pattahh. Sometimes the form with Pattahh and that with Pattahh furtive occur interchangeably, e. g. אָרַם and אֶרַם, or with a slight distinction, as אָרַם, in pause: אֶרַם; אָרַם, construct אֶרַם. In a few instances a guttural preceding a final vowelless letter takes simple Sh'va instead of Pattahh furtive, e. g. אָרַם 1 Kin. 14:3, and in most editions אֶרַם Jer. 13:25. As final *א* is always either quiescent or otiant, it never receives Pattahh furtive. The letter ר never takes it unless it be in a single instance, and that in a penultimate syllable אֶרַם Ps. 7:6, which is probably to be read *yi'rdoph*; though it might be pronounced *yiraddoph*, which some conceive to be an anomalous form for אֶרַם, after the analogy of אֶרַם Gen. 21:6, the compound Sh'va being lengthened into a vowel followed by euphonic Dagghesh, as in the related words

הַמְרִיבִּי Isa. 44: 13; הַמְרִיבִּי Job 16: 16 (K'ri in some copies), הַמְרִיבִּי Lam. 1: 20. הַמְרִיבִּי Isa. 52: 14, הַמְרִיבִּי 1 Sam. 28: 14.

c. Before another guttural the compound Sh'va is frequently replaced by the corresponding short vowel, e. g. הַמְרִיבִּי for הַמְרִיבִּי, הַמְרִיבִּי for הַמְרִיבִּי; and occasionally under א by a long vowel before other letters as well as gutturals, or by a short vowel with Dagghesh, e. g. אֶחָד for אֶחָד, אֶחָד for אֶחָד, אֶחָד for אֶחָד, אֶחָד for אֶחָד. This disposition to render the gutturals more audible by the aid of a vowel is further shown by their attracting to themselves the vowel of another letter, particularly in trilateral monosyllables, e. g. זָרַע for זָרַע (זָרַע), הַשֵּׁב for הַשֵּׁב, קָחַהּ 2 Kin. 12: 9, בָּאֵשׁ for בָּאֵשׁ, בָּאֵר, also קָרָאֵן Ex. 2: 20 for קָרָאֵן Ruth 1: 20, הַמְרִיבִּי Prov. 1: 22 for הַמְרִיבִּי, הַמְרִיבִּי Job 20: 26 for הַמְרִיבִּי, הַמְרִיבִּי Zech. 7: 14 for הַמְרִיבִּי, and by their sometimes causing an antecedent or accompanying vowel to be retained where analogy would require its rejection, e. g. מִיָּצֵאֵר for מִיָּצֵאֵר from מִיָּצֵאֵר, הַמְרִיבִּי, הַמְרִיבִּי and הַמְרִיבִּי from הַמְרִיבִּי comp. 1. a. (4); הַמְרִיבִּי Deut. 32: 10; הַמְרִיבִּי.

4. An incapacity for being doubled, whence they never receive Dagghesh-forte, and the previous syllable thus becoming a simple one, its vowel is generally lengthened, § 59, *ā* to *ā*, *ī* to *ē*, *ū* to *ō*, e. g. מִיָּצֵאֵר for מִיָּצֵאֵר, מִיָּצֵאֵר for מִיָּצֵאֵר, רְבִירָה for רְבִירָה, אֶחָד, הַמְרִיבִּי.

a. Sometimes an intermediate syllable, § 20. 2. is formed, and the vowel remains short. (1) This is commonly the case before ה, frequently before ה, less often before כ, rarely before א, never before ר, e. g. נָחַם, נָחַם, נָחַם, נָחַם. (2) It is more likely to occur in the body of a word than after a prefix, e. g. הַמְרִיבִּי Ps. 119: 43 from הַמְרִיבִּי, but הַמְרִיבִּי Job 38: 24 from הַמְרִיבִּי. (3) When the guttural comes to stand at the end of the word the short vowel is often resumed, e. g. הַמְרִיבִּי Prov. 22: 24 from הַמְרִיבִּי, הַמְרִיבִּי Ps. 141: 8 from הַמְרִיבִּי but הַמְרִיבִּי Deut. 2: 9. There are a very few instances in which Dagghesh-forte is found in ר, e. g. הַמְרִיבִּי Ezek. 16: 4, הַמְרִיבִּי Prov. 14: 10, הַמְרִיבִּי Prov. 15: 1 (in some editions), הַמְרִיבִּי Cant. 5: 2, see also § 24. b.

§ 61. The concurrence of consonants gives rise to the following vowel changes, viz. :

1. When two vowelless letters come together at the beginning of a syllable in contravention of the law in § 18, the impossible combination is relieved by giving to the first of them a short vowel. This, if there be no reason for preferring another, will be the briefest of the vowels, Hhirik, e. g.

הַבְּרִי for דְּבַרְי, בְּדַבֵּר for בְּדַבְרִי, הַזְּקִי for הַזְּקָרִי. If a vowel has been omitted from the word, the corresponding short vowel is frequently employed, e. g. מְלָבִי for מְלָדִי from מְלָדָה (מְלֻדָּה); מְלָבִי from מְלָדָה; חֲבָלִי from חֲבָל; נְחָהָה for נְחָהָה from נְחָה. Or if one of the consonants be a guttural, the vowel mostly conforms to the compound Sh'va, which it has or might have, e. g. עֲבָרִי for עֲבָרִי, נְחָזְקִי for נְחָזְקִי, לְחָלִי for לְחָלִי, לְחָפֵר for לְחָפֵר, פְּעֻזָּה for פְּעֻזָּה.

a. Vav before a guttural follows the rule just given; before ו, and sometimes before ה or ח followed by ו, it takes Hhirik; before other vowelless letters it gives up its consonant sound and quiesces in its homogeneous vowel Shurek, § 57. 2. (1), thus וְעָבְרוּ, וְיָדָוּ, וְיָהִי and וְיָהִי; וְיָהִי, וְיָהִי.

b. In trilateral monosyllables or final syllables with the vowel Pattahh, the first letter sometimes receives an accented Seghol, to which the following Pattahh is then assimilated, e. g. הָהָה for הָהָה construct of הָהָה, הָהָה for הָהָה, the Seghols being liable to be changed to Pattahhs by the presence of a guttural הָהָה for הָהָה.

c. In הָהָה Gen. 32:20 for הָהָה the vowelless letters belong to different syllables, and the introduction of the new vowel makes it necessary to lengthen the one before it.

2. Although two vowelless letters are admissible at the end of a word, § 18, the harshness of the combination is commonly relieved by the insertion of Seghol, e. g. וְרָב for וְרָב, לְכָה for לְכָה. If either letter is a guttural, Pattahh is mostly used instead, e. g. לְכָה, פְּעֻל, וְהָה. If either letter is ו, its homogeneous vowel Hhirik is used; if the second letter is ו, it will rest in Shurek, § 57. 2. (4.), e. g. בְּרִית, כְּלִי, תֹהוּ, בְּרִית, בְּרִית, בְּרִית.

a. When the penultimate letter is ה or ח, it in a few instances takes Seghol, as אֶהָל, בְּהָה, לְהָה, לְהָה. When the final letter is א, it either remains otiant, § 16, or requires Seghol, שְׂאָה, וְהָה, בְּהָה; a penultimate א either quiesces in the antecedent vowel or attracts it to itself, § 60. 3. *c.* אֶהָל, שְׂאָה, וְהָה, וְהָה. The alternate mode of facilitating the pronunciation of gutturals before a vowelless letter at the end of a word by means of Pattahh furtive, has been explained § 60. 2.

3. When the same letter is repeated with or without a mutable vowel intervening, there is often a contraction into

with these exceptions, they are chiefly found in poetry. The vowels *י* and *י* are mostly attached to words in what is called the construct state, הַ, to words in the absolute; and all of them to the feminine ending ת. Examples of *י*: בְּנוֹ Num. 23: 18, 24: 3, 15, and חֲרֵתוֹ several times. Examples of *י*: מִנְעֵנֶי Gen. 49: 11. מִנְעֵנֶי Gen. 31: 39. הִבְרָתִי Ps. 110: 4. הִבְרָתִי Ps. 114: 8. רִשְׁבֵי Ps. 123: 1. מִנְעֵנֶי Ps. 113: 5. מִנְעֵנֶי ver. 6. מִנְעֵנֶי ver. 7. הַשִּׁבְיָה ver. 8. מִנְעֵנֶי ver. 9. מִנְעֵנֶי Isa. 1: 21. נִאֲדָרִי Ex. 15: 6. נִאֲדָרִי Zech. 11: 17. רָבָה Lam. 1: 1, שָׁלְחֵי *ibid.*, שָׁלְחֵי Deut. 33: 16. It is also attached to the first member of the compound in many proper names, e. g. מְלִיִּצְרָת, מְלִיִּצְרָת, to certain particles, as בְּלִיָּה, וּזְלִיָּה, מְלִי, and perhaps to such participial forms as יִשְׁבְּחֵי Jer. 22: 23. Of הַ: אֲנִיִּהָה Ex. 15: 16. אֲנִיִּהָה Isa. 8: 23. Job 34: 13, 37: 12. תִּהְיֶהה Judg. 14: 18. יִשְׁבְּחֵהה Ps. 3: 3. 80: 3, Jon. 2: 10. יִשְׁבְּחֵה almost constantly, מְלִיָּהה Ps. 116: 15. נִאֲדָהה Num. 34: 5, Ps. 124: 4. מְלִיָּהה Ps. 92: 16 (K'ri), 125: 3, Ezek. 28: 15, Hos. 10: 13. עֲלֵהה Job 5: 16. עֲלֵהה Ps. 44: 27, 63: 8, 94: 17. עֲלֵהה Job 10: 22, תִּהְיֶהה Josh. 19: 43, Judg. 14: 1, and regularly in the third person feminine of the preterite of לָהַ verbs. In modern Persian *ī* is similarly appended to nouns in close connection with a following word, to remove the obstruction of the final consonant and serve as a uniting link.

§ 62. The changes due to the influence of vowels may arise from their concurrence or proximity.

1. Concurring vowels may coalesce; *a* uniting with *a* forms *a*, uniting with *i* or *u* it forms the diphthongal *e* or *o*, e. g. הַשְּׁבִיָּה Neh. 3: 13 from הַשְּׁבִיָּה after the rejection of אַ by § 53. 2. *b*; בִּיָּה after the softening of *י* to *i* becomes בִּיָּה; קִשְׁטֵה by the rejection of הַ becomes קִשְׁטֵה; יהִי prefixed to proper names is from יהִי for יְהִי, § 57. 2 (4).

2. One of them may be hardened into its corresponding semi-vowel; *ī* *י* with *ī* *י* may form *ī* *י*, or the first *ī* may be changed to *iy*, which, upon the reduplication of the *י* to preserve the brevity of the antecedent vowel, § 24. 3, becomes *ī* *י*, e. g. עֲבָרִי with ים becomes עֲבָרִים or עֲבָרִים. So, *י* before הַ forms יָה, and before ו forms יו, e. g. עֲבָרָה; עֲבָרָה; in like manner *ו* is changed before ו into *ūv*, forming וו, which, by § 56. 3, becomes וו, e. g. מְלִכִּית. *ī* *י* followed by *ū* *ו* forms *īw*, e. g. קִשְׁטֵהוּ, קִשְׁטֵהוּ, פִּיחוּ, פִּיחוּ; הַמְסִיּוֹ for הַמְסִיּוֹ Josh. 14: 8. *ē* *י* before *ī* *י* or *ū* *ו* is resolved into *āy*, which, joined with the appropriate semi-vowels, becomes *י* and *יו*, the virtual

reduplication of the final consonant in the one case preserving the short vowel, which is lengthened in the other; thus **כִּי־יָבִי** with **י** becomes **כִּי־יָבִי**, and with **הוּ**, **כִּי־יָבִיר**. The same resolution of **י** occurs before final **ה**, forming **הָהָה**, and by § 61. 2 **הָהָה**, thus **הָהָה־יָבִי** with **ה** becomes **הָהָה־יָבִי**.

a. Grammarians have disputed whether in such words as **מְבַרְכִים**, **מְבַרְכִים** the point in **י** is Dagghesh-forte or Mappik, § 26, and accordingly whether they are to be read *ibhriyyim*, *malkhuyyoth*, or *ibhriyim*, *malkhūyoth*. If the explanation given above be correct, it is Dagghesh-forte Conservative. Comp. **קָנָה**, **קָנָה**.

b. Such forms as **פָּרָה־יָרִי**, **פָּרָה־יָרִי**, **פָּרָה־יָרִי** from **פָּרָה־יָרִי** are only apparent exceptions to the above rules. The word is properly **פָּרָה־יָרִי**, and to this the additions are made, the auxiliary Hhirik being dropped with the cessation of the cause from which it originated. § 57. 2. (4). In **מְבַרְכִים** 2 Chron. 17:11 from **מְבַרְכִי** and **יָרִי** the vowels are kept separate by an interposed **א**.

c. In words of **לִה** formation, such as **עָשָׂה**, **עָשָׂה** from **עָשָׂה** and **הָיָה**, **הָיָה**, it might appear as though one vowel were rejected before another. But the correct explanation is that **י** is the true final radical, and the forms above given are for **עָשָׂה־יָרִי**, **עָשָׂה־יָרִי** (like **הָיָה־יָרִי**) from which **י** is rejected by § 53. 3. In the same way **עָשָׂה־יָרִי**, etc., from **עָשָׂה־יָרִי** are for **עָשָׂה־יָרִי**, **עָשָׂה־יָרִי**. In such alternate forms as **פָּרָה־יָרִי** from **פָּרָה־יָרִי**, the radical **י** is retained by preserving the antecedent vowel, which, before Dagghesh-forte Conservative, becomes Hhirik, § 61. 5.

§ 63. The following euphonic changes are attributable to the proximity of vowels, viz. :

1. Pattahh before a guttural is often changed to Seghol if another *a* follows, and the same change sometimes occurs after a guttural if another *a* precedes.

The particular cases are the following :

a. When (.) stands before a guttural with (,) always before **ח**, e. g. **חָחָח** for **חָחָח**, **חָחָח** Prov. 21:22, **חָחָח** (also when **ח** has Hhateph Kamets, e. g. **חָחָח** Judg. 9:9), often before **ח** and **ע**, particularly if it receives the secondary accent, e. g. **חָחָח** for **חָחָח**, **חָחָח** but **חָחָח** and **חָחָח**, rarely before **א** and **ר**, **חָחָח** Gen. 14:10, **חָחָח** Neh. 9:18, 26 but **חָחָח** Ezek. 35:12.

b. When (.) before a guttural is followed by another consonant with (.) or (,) **חָחָח** but **חָחָח**, **חָחָח** but **חָחָח**, once before the liquid **ל**, e. g. **חָחָח** Ex. 33:3 for **חָחָח**, and once before **י**, e. g. **חָחָח** for **חָחָח**.

c. In **חָחָח** 1 Sam. 28:15 and the combination **חָחָח** a similar change takes place after a guttural to prevent the repetition of the vowel *a*; so in **חָחָח** Ps. 20:4, and **חָחָח** after the liquid **נ**.

2. Pattahh is sometimes assimilated to a following Seghol, or to a preceding Kamets or Tsere.

a. The assimilation to (,) takes place regularly in what are called Segholate forms, in which an auxiliary Seghol has by § 61. 2 been introduced between two vowelless letters, מְלָקֶה for מֶלֶקֶה, בְּרַב for בֶּרֶב, אֶרֶץ for אֵרֶץ, but בִּזְתָּ, שָׁנָם; only before ו, which can combine with *a* and not with *e*, *a* is retained and lengthened to (,) by § 59, מְלָקֶה, אֶרֶץ. Rarely in other cases מְלָקֶה for מֶלֶקֶה, where the change is facilitated by the preceding ו.

b. The assimilation to (,) occurs in a few cases after a guttural with ה prefixed, e. g. הַזֶּם for הֶזֶם, הַחֵר for חֶחֵר, הַאֶרֶץ for אֵאֶרֶץ.

c. The assimilation to (,) occurs in the Kal future of Pe Yodh verbs where the alternate forms are גַּשְׁם and גִּיָּשָׁן.

§ 64. The following vowel changes are due to the accent, viz. :

1. If a long vowel in a mixed syllable be deprived of its accent, it will be shortened, § 18, e. g. הַשָּׁמַר, הַשְּׁמַר, רֹסֵב, רֹסֵב; וְלֹסֵב, וְלֹסֵב; וְלֹסֵב, וְלֹסֵב.

a. If a vowel preceding Makkeph is incapable of being shortened, it will receive the secondary accent Methegh, agreeably to § 43.

2. The accent prefers to be immediately preceded by a simple syllable and a long vowel. Accordingly an antecedent vowelless letter often receives what may be called a pretonic vowel. This is commonly the simplest of the long vowels *ā*, e. g. קָטַל, קָטַב, לָקַחְתָּ, לָקַחְתָּ, occasionally *ē*, e. g. וְחִקְלִינָה, וְחִקְלִינָה, rarely *ō*, e. g. וְקָצְרוּן. Such a vowel is sometimes inserted, even though a pre-existing mixed syllable is thereby destroyed, e. g. in the plurals of Segholates and of feminine nouns derived from them, מְלָקִים from מְלָקֶה, מְלָקִים from מְלָקֶה.

§ 65. The special emphasis, with which the last word of a clause is dwelt upon, gives rise to certain vowel changes in connection with the pause accents, § 36. 2. a. These are (1) lengthening short vowels, viz., (,) and not infrequently (,) which has arisen from (,) to (,), e. g. אָמַר, אָמַר; קָתַבְתָּ, קָתַבְתָּ; אֶרֶץ, אֶרֶץ; אֶרֶץ, אֶרֶץ, and bringing back Kamets

Hhatuph shortened from Hholem to its original length **וְלִמְתָּ**, **וְרִמְתָּ**. (2) Restoring vowels which have been dropped in the course of inflection, e. g. **הַדְּבָרוֹ**, **עֲבָדוֹ**, **עֲבָדוֹ**; **הַדְּבָרוֹ**, **עֲבָדוֹ**; **עֲמָדוֹ**, **עֲמָדוֹ**. (3) Changing simple Sh'va in trilateral syllables and before the suffix **ה** to Seghol, e. g. **בִּיתְהָ**, **בִּיתְהָ**; **רַחֲמֵי**, **רַחֲמֵי**; **שָׁכֶם**, **שָׁכֶם**. (4) Changing compound Sh'va to the corresponding long vowel, e. g. **אֲזַי**, **אֲזַי**; **הַחַיִּי** (**הַחַיִּי**); **הַחַיִּי**, **הַחַיִּי**; **הַחַיִּי**, **הַחַיִּי**.

a. Pattahh sometimes remains without change, e. g. **כֵּן** Ps. 132: 12, **דְּבָרְתָּ** 2 Sam. 2: 27, **נִצְלַנִי** Jer. 7: 10, **גִּנְנֵבְתָּ** Prov. 30: 9, **צָרְקָתִי** Job 34: 5, **אֶפְרַיִם** Neh. 5: 14. Seghol more frequently, **מִלְּתָּ**, **מִלְּתָּ**, **מִלְּתָּ** and **מִלְּתָּ**. Long vowels are mostly unaltered; only Tseré is in mixed syllables occasionally changed to Pattahh, e. g. **הַחַיִּי** Isa. 18: 5 for **הַחַיִּי**, so: **הַחַיִּי** Isa. 42: 22, **הַחַיִּי** Gen. 17: 14, **וְהַחַיִּי** Gen. 21: 8, **וְהַחַיִּי** Gen. 25: 34, which, in one word of Segholate formation, is converted to Seghol, e. g. **הַחַיִּי**, **הַחַיִּי**: Where the same word has alternate forms, one is sometimes selected as the ordinary and the other as the pausal form, thus **וְהַחַיִּי**; **וְהַחַיִּי**; **וְהַחַיִּי**; **וְהַחַיִּי**; **וְהַחַיִּי** Gen. 43: 14; **וְהַחַיִּי** Eccl. 12: 11, **וְהַחַיִּי** 1 Sam. 13: 21; **וְהַחַיִּי** Gen. 49: 3, **וְהַחַיִּי** Lev. 26: 34, 35, **וְהַחַיִּי**. Sometimes, instead of changing the Sh'va before **ה** to Seghol, its vowel is shifted thus **וְהַחַיִּי**, **וְהַחַיִּי**, and in Ex. 29: 35 **וְהַחַיִּי**. The position of the pause accent, so far as it differs from that of the ordinary accent, has been explained § 35. 2.

b. Of the pause accents, or those which mark the limits of clauses and sections, the first class, viz., Silluk, Athnahh, and Merka with Malpakh, almost always give rise to the vowel changes which have been described; the second and third classes, S'gholta, Zakeph Katon, Zakeph Gadhol, R'bhî and Shalsheth, e. g. **וְהַחַיִּי** Isa. 13: 8, do so frequently; the fourth class, Pazer, e. g. 2 Kin. 3: 25, Prov. 30: 4, and T'lisha Gh'dhola, e. g. Ezek. 20: 21, but seldom. Pausal forms are occasionally found with other Disjunctives, thus, Tiphhha **וְהַחַיִּי** Deut. 13: 5, Pashta **וְהַחַיִּי** ibid., Geresh **וְהַחַיִּי** Ezek. 40: 4, and even with Conjunctions, e. g. **וְהַחַיִּי** Isa. 49: 18, **וְהַחַיִּי** Ezek. 17: 15, **וְהַחַיִּי** 2 Chron. 29: 31.

§ 66. 1. The shortening and lengthening of words has an effect upon their vowels. The shortening may take place

(1) At the end of a word by the rejection of a vowel.

This occurs only with (◌) or (◌) in certain forms of **לִיָּה** verbs, e. g. **וְהַחַיִּי** from **וְהַחַיִּי** for **וְהַחַיִּי**, **וְהַחַיִּי** 1 Sam. 21: 14 for **וְהַחַיִּי**. In the last two examples the short vowel is lengthened upon its receiving the accent, comp. § 64. 1. If the rejected vowel was preceded by two consonants, these will now stand together at the end of the word, and be liable to the changes described § 61. 2, e. g. **וְהַחַיִּי** for **וְהַחַיִּי**.

(2) In the body of a word by shortening a long vowel in a mixed syllable, which must, of course, be the one bearing the accent, § 32. 1, or rejecting a long vowel in a simple syllable before the accent (the pretonic vowel, § 64. 2), דָּבָר, דְּבַר, מְקַדֵּשׁ; מְלֵךְ, מֶלֶךְ; מְקַדְּשׁ; מְקַדֵּשׁ.

a. This is in general the only reduction possible. The vowel of a mixed syllable, if short already, is capable of no further abbreviation; and it cannot be rejected, or there would be a concurrence of vowelless consonants which the language seeks to avoid (הִיָּסֵף Prov. 30:6 is an exception). And the vowel of a simple syllable, if short, must have the accent, § 32. 1, which preserves it from rejection. The changes above recited are confined to the last two, or, in case the accent is upon the penult, the last three syllables of the word; for the antecedent portions of polysyllables are already abbreviated to the utmost. Contractions due to the peculiarities of certain letters, as the gutturals and quiescents, which have been before explained, are not here taken into the account, e. g. שְׂמֵי, שְׂמֵי; מִנֵּה, מִנֵּה; נְדָם, נְדָם.

b. Where the last vowel cannot be shortened, it sometimes experiences a change of quality from pure to diphthongal, such as is produced by the pressure of two following consonants, § 61. 4, e. g. נְדָבָהּ, נְדָבָהּ; הוֹשִׁיב, הוֹשִׁיב; סוֹסֵר, סוֹסֵר; הוֹשִׁיב, הוֹשִׁיב; הוֹשִׁיב, הוֹשִׁיב.

2. If a word be lengthened by additions at the end, its vowels are liable to changes in consequence.

(1) Such additions create a tendency to shorten the previous part of the word in the manner just described. For the normal length of words in Hebrew being dissyllabic, the genius of the language is opposed to transcending this limit any further than is absolutely necessary. If the addition is not of sufficient weight to affect the position of the accent, no abbreviation results. But if it is of weight enough to remove the accent, an abbreviation follows if it is possible for one to be made, e. g. דְּבָרִים, דְּבָרִים, דְּבָרִים for דְּבָרִים by § 61. 1.

(2) They produce changes in an ultimate mixed syllable. If the appendage begin with a consonant, the antecedent vowel will now be succeeded by two consonants and be liable to the changes consequent upon such a position, § 61. 4, e. g. תְּקַטְּלֵנָה from תְּקַטְּלֵנָה; קָמְנָה from קָמְנָה; הִקְטַלְתִּי from הִקְטַלְתִּי.

קָטַלְתִּי from קָטַל . If the appendage begin with a vowel, it will attach itself to the final consonant, which will in consequence be drawn away from its own syllable to begin the new one. This may occasion the following changes :

(a) If the preceding vowel is an auxiliary Seghol or Pattahh, introduced to facilitate the pronunciation of the second of two vowelless consonants, § 61. 2, it will be rejected, inasmuch as it is no longer required for this purpose, e. g. מִקְּוֹ from מִקְּוָה , סִתְּרוּ from סִתְּרוּהוּ .

(b) If it be a short vowel, it must either be lengthened to adapt it to the simple syllable in which it now stands, or rejected on account of the disposition to abbreviate words upon their receiving accessions at the end, e. g. קָטַלְתֶּהּ and קָטַלְתֶּהָ from קָטַל . The cases are very rare in which a short vowel remains unchanged in consequence of its having the accent, § 18. 2, e. g. מִדְּבָרָה 1 Kin. 19 : 15 from מִדְּבָר , הַשְּׂמֵלָה Ezek. 8 : 2 from הַשְּׂמֵל .

(c) If it be a long vowel, it may be rejected, as רִקְּטָלוּ from רִקְּטָלוּהוּ , וְקָטַלְתִּי from וְקָטַלְתִּי , or retained either unaltered, as הַקְּרִימוּתָהּ from הַקְּרִימוּתָהּ , מִשְׁפָּחָהּ from מִשְׁפָּחָהּ , or with a change of quality from pure to diphthongal or the reverse, מִתְּוָקָהּ from מִתְּוָקָהּ , נִסְוָגָהּ from נִסְוָגָהּ , הַקְּמָנוּהוּ from הַקְּמָנוּהוּ , פָּלְטִים from פָּלְטִים .

TABLE SHOWING THE CHARACTER AND AFFINITIES OF THE VOWELS AND THE ORDINARY LIMITS OF EUPHONIC CHANGES.

ORGAN.	QUALITY.	QUANTITY	
		Long.	Short.
Guttural, . . .	<i>pure</i>	\bar{a}	\bar{a}
Palatal, . . .	<i>diphthongal</i>	\bar{e}	\bar{e}
		\bar{i}	\bar{i}
	<i>pure</i>		
Labial, . . .	<i>diphthongal</i>	\bar{o}	\bar{o}
		\bar{u}	\bar{u}
	<i>pure</i>		

PART SECOND.

ETYMOLOGY.

ROOTS OF WORDS.

§ 67. ETYMOLOGY treats of the various kinds of words, their formation and inflections. Three successive stages are here to be distinguished. The first is the root or radical portion of words. This embraces those fundamental sounds, in which the essential idea originally inheres. Roots do not enter, in their nude or primitive form, into the current use of language, but they constitute the basis upon which all actually occurring words, with the exception of the inorganic interjections, are constructed. The second stage is the word itself in its simple uninflected state; this is formed, if a primitive, directly from the root, if a derivative, from a pre-existing primitive, by certain changes or additions, which serve to convert the radical idea into the precise conception intended, which is as yet, however, expressed absolutely. The third and only remaining stage is the word as it appears in the actual utterances of speech, so modified by inflections as to suggest the definite qualifications of the idea, such as the tense of verbs, the gender and number of nouns, and the degree of adjectives, or its relations whether of agreement or subordination, such as the persons and modes of verbs and the cases of nouns.

§ 68. There are in Hebrew, as in most languages, two classes of roots, which may be denominated respectively pro-

nominal and verbal. Pronominal roots form the basis of such words as express the relations of things to the speaker or to one another, viz., pronouns and certain prepositions, adverbs, and other particles. From verbal roots, which are by far the more numerous, spring words expressive of ideas, viz., verbs, nouns, and such particles as are derived from them. Verbal roots consist exclusively of consonants, and are almost invariably triliteral. The introduction of a vowel or vowels, even for the sake of pronouncing them, destroys their abstract radical character, and converts them into specific words of this or that description. Nevertheless, for reasons of convenience, the letters of the root are usually pronounced by the aid of the vowels belonging to them in the simplest form of the corresponding verb, which is mostly the third person singular of the preterite, e. g. קָטַל, מָצַח. This must not be suffered, however, to lead to the confusion of identifying that particular verbal form with the proper radical, nor of supposing the verb to be the radical part of speech from which nouns in all cases are derived: verbs and nouns are rather to be regarded as co-ordinate branches springing from a common root.

a. The few quadrilaterals and quinqueliterals which occur are mostly formed from pre-existing triliterals by the addition of a weak letter, or a letter similar to one of the original radicals, e. g. בָּרַסַם *to lay waste* comp. בָּרַסַם; בָּרַסַם; בָּרַסַם; בָּרַסַם *to burn* comp. בָּרַסַם; בָּרַסַם *a branch* comp. בָּרַסַם; בָּרַסַם; בָּרַסַם *thoughts* comp. בָּרַסַם; בָּרַסַם *a sceptre* comp. בָּרַסַם; בָּרַסַם *tranquil* comp. בָּרַסַם; בָּרַסַם *to spread* comp. בָּרַסַם; or by blending two different roots, e. g. בָּרַסַם *to be fresh* composed of בָּרַסַם and בָּרַסַם; בָּרַסַם *a certain one* = בָּרַסַם; בָּרַסַם *a frog* from בָּרַסַם *to leap* (in Arabic) *a marsh*. Some, which are not thus reducible, may perhaps be of foreign origin.

b. Many of the triliteral roots appear to be based upon pre-existing biliterals. Thus, the cognates בָּרַסַם, בָּרַסַם, בָּרַסַם, בָּרַסַם, בָּרַסַם, have in common the two letters בָּרַסַם with the associated idea of cutting, § 50. 3. The frequent examples of this description, together with the fact of the existence of a few biliterals, e. g. אָב *father*, אח *brother*, אִמָּה *mother*, have suggested the thought that the ultimate roots may in all cases have been biliterals, and that the triliterals were a secondary formation. Various ingenious but unsuccessful attempts have been made to demonstrate this

position by an actual analysis, and to effect the reduction of all roots to two primitive letters. Still more extravagant and fanciful is the endeavour, which has actually been made, to explain the origin of roots from the individual letters of which they are composed, and to deduce their meanings from the names, the shapes, or other peculiarities of those letters. The existence of roots and the meanings attached to them must be accepted as ultimate facts. Some have arisen, no doubt, from the imitation of sounds in nature; but in most cases no satisfactory reason can be given why a given combination of sounds has that particular sense, which is in fact connected with it.

§ 69. The formation of words and their inflection are accomplished partly by internal changes and partly by external additions. The internal changes are the insertion of vowels and the reduplication of consonants in various significant ways, e. g. קָטַל, קָטַל, קָטַל, קָטַל. The external additions are significant syllables welded to the root or to the word, either at the beginning or the end, e. g. קָטַל, קָטַלְתָּ, קָטַלְתָּ, קָטַלְתָּ.

a. The trilateral and exclusively consonantal character of Semitic roots is their most remarkable peculiarity in distinction from those of the Indo-European languages which are as prevalingly monosyllabic, the vowel being an essential constituent, while the number of consonants is variable. The fact of the vowel being an integral part of the root in these languages interferes with their employment of internal changes for purposes of derivation and inflection, and confines them almost entirely to external additions, e. g. *voco, vocabam, vocatio, vocabulum, vocito*, etc. The composition of words of which such large use is made in the Indo-European tongues, e. g. *ad-voco, in-roca*, etc., is almost unknown in Hebrew except in the formation of proper names.

b. Different languages differ greatly in their flexibility, that is to say, in the variety of words which may spring from a common root, and the number of forms which the same word may assume to express the various relations into which it enters. Relations, which in some languages are expressed by flexion, as the cases of nouns, tenses of verbs, concord of adjectives, are in others indicated by additional words, as prepositions, auxiliary verbs, etc., or suggested by the order of words in the sentence.

c. Formative syllables, added either at the beginning or the end of words for the sake of inflection, are, in the ordinary consciousness of those who use the language, completely amalgamated with them, so that their separate origin and signification is never thought of. They are thus to be distinguished from those words which, by reason of their dependent character, are attached to others as prefixes or suffixes, but yet preserve their separate identity as prefixed conjunctions and prepositions and suffixed pronouns.

§ 70. The parts of speech in Hebrew are either declinable as pronouns, verbs, and nouns (including adjectives); or indeclinable, as the article, adverbs, prepositions, conjunctions, and interjections. As most if not all of the syllables employed in the formation and inflection of verbs and nouns are of pronominal origin, it will be necessary to consider the pronouns first.

a. The classification usual with the Jewish grammarians is into verbs (פְּעֻלִּים *actions*), nouns (שְׂמוֹת *names*), and particles (מִצְרָיִם *words*).

PRONOUNS.

PERSONAL PRONOUNS.

§ 71. The Hebrew pronouns are personal, demonstrative, relative, and interrogative or indefinite. The personal pronouns are the following, viz.:

	SINGULAR.		PLURAL.
1. I	אֲנִי, אֲנֹכִי	We	אֲנֵנוּ, אַתְּמוֹנָה
2. { Thou <i>m.</i>	אַתָּה	Ye <i>m.</i>	אַתְּם
{ Thou <i>f.</i>	אַתְּ, אַתְּךָ	Ye <i>f.</i>	אַתְּנָה, אַתְּנֶנּוּ
3. { He	הוא	They <i>m.</i>	הֵם, הֵמָּה
{ She	היא	They <i>f.</i>	הֵן, הֵנָּה

There are, it will be perceived, distinct forms for singular and plural in the three persons, and for masculine and feminine in the second and third. There is no form for the neuter, as that gender is not recognized in Hebrew.

a. (1) The alternate forms of the first person singular אֲנֹכִי (in pause אֲנִי with the accent on the penult except Job 33: 9), and אֲנִי (in pause אֲנֵנוּ) are used interchangeably and with perhaps equal frequency. It has been observed, however, that while the former is the more common in the Pentateuch, it never occurs in the books of Chronicles, and but once in Ezekiel, viz., 36: 28. a passage borrowed from the Pentateuch. The usual plural of this person is אַתְּמוֹנָה; אֲנֵנוּ occurs but six times, viz., Gen.

42: 11, Ex. 16: 7, 8, Num. 32: 32, 2 Sam. 17: 12, Lam. 3: 42; אָנִי though common in later Hebrew, occurs but once in the Old Testament, viz., Jer. 42: 6 K'thibh, where the K'ri substitutes the usual form.

(2) The second person masc. sing. אַתָּה (in pause occasionally אַתָּה Ps. 2: 7, 25: 27, 40: 18, 70: 6, but mostly אַתָּה) is in five instances written אַת without the final He. which is however restored in the K'ri, viz., 1 Sam. 24: 19, Ps. 6: 4, Job 1: 10, Eccles. 7: 22, Neh. 9: 6, and in three instances אַת without the final vowel Num. 11: 15, Deut. 5: 24, Ezek. 28: 14. The feminine אַת is occasionally written אַתָּה Judg. 17: 2, 1 Kin. 14: 2, 2 Kin. 4: 16, 23, 8: 1, Jer. 4: 30, Ezek. 36: 13; the K'ri invariably retrenches the superfluous ה, though it is probable that the original pronunciation proper to this orthography was אַתָּה. The feminine plural אַתְּנָה occurs only Ezek. 34: 31, where a few manuscripts read אַתְּנָה; the alternate form אַתְּנָה occurs Gen. 31: 6, Ezek. 13: 11, 34: 17; in Ezek. 13: 20 most editions have אַתְּנָה.

(3) The third person fem. sing. הִיא occurs but eleven times in the books of Moses, viz., Gen. 14: 2, 20: 5, 38: 25. Lev. 2: 15 (in some editions), 11: 39, 13: 10, 21: 16, 31, 21: 9. Num. 5: 13, 14. In its stead is found הִיא a combination of the letters of the masculine with the vowel of the feminine. The explanation of this is that הִיא *hū* was at that early period of common gender and used indifferently for both masculine and feminine. As this primitive usage subsequently became obsolete, the word, when used for the feminine, was read הִיא *hī* according to the uniform practice of the later books, and the punctuators have suggested this by giving it the corresponding vowel, § 47. According to Kimchi הִיא Ruth 1: 13 and הִיא 2 Sam. 4: 6, Jer. 50: 5, stand for the masculine plural; this assumption is unnecessary, however, as in the first passage the feminine may have the sense of the neuter "*these things*," and in the last two it is an adverb of place, meaning *here*.

b. (1) The pronoun אֲנִי unites the palatal found in the nominative singular of the first person in Indo-European languages, Gr. ἐγώ, Lat. *ego*, Goth. *ik*, with the nasal of its other parts Gr. μέ, *vōl*, Lat. *me. nos*. Goth. *mik*. The same combination is found in the Coptic and the Phœnician. The Arabic and Syriac have retained only the abbreviated form in the singular and the prolonged form in the plural. The second person אַתָּה is based upon the lingual ה as the Doric τῦ, Lat. *tu*, Ger. *du*, Eng. *thou*; and the third person הִיא upon the guttural ה as the Zend *hō*, Gr. ὁ, Lat. *hic*. Eng. *he*.

(2) Words in such constant and familiar use as the pronouns are subject to more or less irregularity in all languages. The original plural termination, as will be shown more fully hereafter in the case of verbs and nouns, is הִיא. In the first person ה is omitted to prevent the concurrence of nasals in the same syllable, אֲנִי, אֲנִי; the plural of the prolonged form seems to be best explained by supposing it to have been originally אֲנִי, which was in the singular softened to אֲנִי by § 57. 1, and in the plural by a transposition and weakening of the palatal to a guttural (comp. Gr. ἐγώ, Sans. *aham*), became אֲנִי or by § 53. 2. אֲנִי. The plurals of the second and third persons were originally אַתְּנָה, הִיא, which are still

preserved in the Arabic, and have left their traces in the inflections of verbs, e. g. *הִתְקַלְתָּ*, *הִתְקַלְתְּ*. The vowel *ā*, however, which in the plurals of masculine nouns has been converted into *ī*, has in the pronouns undergone a still further modification into the diphthongal *ē* *הֵם* or *ē* *הֵנָּה*. The distinction of gender is indicated in the plural not by affixing the characteristic termination of that gender as in nouns, but by a change of the final nasal. An unaccented *ה* is often added by § 61. 6. to relieve the harshness of the consonantal ending.

c. In the technical language of the Jewish grammarians pronouns are called *בְּנֵי אֵימָר* *cognomina*; the first person is *אֲנִי* *the speaker*, the second *אַתָּה* *present*, the third *הֵנָּה* *hidden or absent*.

§ 72. When the pronouns are used in their separate form as distinct words they have the forms already given. When, however, they stand in a relation of dependence to verbs, nouns, and particles, they are appended to them in the following abbreviated forms, called the pronominal suffixes:

	SINGULAR.		PLURAL.	
1. <i>Com.</i>	י	ךָ		נִי
2. { <i>Masc.</i>		ךָ		כֶּם
{ <i>Fem.</i>		ךְ		כֶּן
3. { <i>Masc.</i>		הוּא	ם	הֵם
{ <i>Fem.</i>	הִיא	הִיא	ן	הֵן

In the first person singular *י* is attached to nouns, and *י* to verbs. In the second person the palatal *כ* is substituted for the lingual *ך* of the separate pronoun. For a similar change in the first person see § 85. a. (1). The modifications in the forms of the suffixes, occasioned by the endings of the words to which they are attached, will be considered hereafter, §§ 101, 220. The third plural forms *הֵם*, *הֵן* are used with plural nouns; *ם*, *ן* with verbs and singular nouns.

The suffixes of the second and third persons plural *כֶּם*, *כֶּן*, *הֵם*, *הֵן* are called *grave*, the rest are *light*. The former being mixed syllables, always receive the accent, § 33. 3, and tend more strongly to shorten the words to which they are attached than the latter.

DEMONSTRATIVE PRONOUNS.

§ 73. 1. The ordinary demonstrative is—

	<i>Masc.</i>	<i>Fem.</i>		<i>Common.</i>
SINGULAR,	הַ	זֹאת	<i>this</i>	PLURAL, הֵן
				זֵּה זֵּה
				<i>these.</i>

The poetic form הַ is sometimes a demonstrative, Ps. 12 : 8, Hab. 1 : 11, but more frequently a relative (like the English *that*), in which case it is used without change for both genders and numbers. The feminine is occasionally written without the final ה and with a different vowel letter הִ or וִ. The plural, coming from a different root, is sufficiently distinguished without the usual termination; הֵן occurs eight times in the books of Moses and once in 1 Chron. 20 : 8; in all other places the consonantal termination is softened by an appended הַ .

2. The singular of this pronoun is in a few instances compounded with ל either without any change of meaning, or, as Ewald and Nordheimer follow Jarchi in supposing, in the sense of the remote demonstrative *that*. Thus (with the article הַ prefixed)—

	<i>Masc.</i>	<i>Fem.</i>	<i>Com.</i>
SING. <i>this or that</i>	הַלְזֶה	הַלְזֵה	הַלְזֵה

a. The first form occurs twice in Genesis (24 : 65, 37 : 19), the third six times in the post-Mosaic books as a masculine (Judg. 6 : 20, 1 Sam. 14 : 1, 17 : 26, 2 Kin. 23 : 17, Dan. 8 : 16, Zech. 2 : 8), and once as a feminine (2 Kin. 4 : 25), the second once in Ezekiel (36 : 35).

3. The personal pronoun of the third person הֵיאַ is used for the remote demonstrative *that*.

RELATIVE PRONOUN.

§ 74. The relative *who, which* is הַאֲשֶׁר, which may be employed as a separate word, or may be shortened to a prefix אֲשֶׁ

with Daghesh-forte compensative in the following letter, unless it be a guttural and consequently incapable of receiving it, § 23. 1. In a few instances the prefix ש takes the vowel (.) followed by Daghesh-forte, Judg. 5 : 7, Cant. 1 : 7, Job 19 : 29 ; once it has (,) before ם Judg. 6 : 17, and twice (,) Eccl. 2 : 22 (in some copies), 3 : 18. The relative suffers no change for gender or number either in its separate or its prefixed state. Its objective relation to verbs and particles and its possessive relation to nouns are expressed without changing the relative itself, or removing it from its position at the beginning of its clause by appending the appropriate pronominal suffix to the governing word, e. g. אֲשֶׁר שָׁלַחֵו *who he sent him*, i. e. whom he sent, אֲשֶׁר זָרְעֵו *which its seed*, i. e. whose seed. It may also receive an adverbial sense from being followed by the pronominal adverb שָׁם *there*, e. g. שָׁם — אֲשֶׁר *where*, שָׁמָּה — אֲשֶׁר *whither*, מִשָּׁם — אֲשֶׁר *whence*.

a. The prefix ש occurs to the exclusion of the full form of the relative in the Song of Solomon and with great frequency in another production of Solomon's, Ecclesiastes. There are besides occasional examples of it in other books, e. g. Judg. 5 : 7, 6 : 17, 7 : 12, 8 : 26. 2 Kin. 6 : 11. 1 Chron. 5 : 20, Job 19 : 29. Ps. 122-124, 129, 133-137, 144. Lam. 2 : 15, 16. The word שָׁם Gen. 6 : 3 is in several ancient versions and in the common English translation rendered as though it were made up of the preposition ש, the relative ש and the particle שָׁם *for that also*; but the most recent interpreters derive it from the verb שָׁגַג *to err*, and translate *in their erring*.

b. אֲשֶׁר or ש is also used for the conjunction *that*. Comp. Lat. *quod*.

INTERROGATIVE AND INDEFINITE PRONOUNS.

§ 75. 1. The pronouns מִי *who?* or *whoever* relating to persons, and מַה *what?* or *whatever* relating to things, are employed both as interrogatives and in an indefinite sense. They experience no change for gender or number.

The vowel of מַה is regulated by the initial sounds of the succeeding word. Before a letter capable of receiving Daghesh-forte it is pointed מַה and the following letter is doubled, e. g. מַה־שָׂמוֹ Ex. 3 : 13. Before the stronger gut-

turals ה and ה it also commonly receives (.), e. g. מֵהִירָא Ps. 39 : 5, מֵהַסְּאֲתִי Gen. 31 : 36. Before the weaker gutturals א, ע and ר, it commonly takes (.), e. g. מֵהִיאֲלֶהָ Zech. 1 : 9, מֵהַעֲבֹדָה 2 Kin. 8 : 13, מֵהַרְאִיתָם Judg. 9 : 48. Before ה, ה, and ע with Kamets, and occasionally before other letters it takes (.), § 63. 1. a, e. g. מֵהִירְהָ לֹו Ex. 32 : 1, מֵהִירְטֵאֲתִי Gen. 20 : 9, מֵהִיעֲשִׂיתָ ib., מֵהַקֹּל 1 Sam. 4 : 14, מֵהַמִּשְׁפָּט 2 Kin. 1 : 7. In a few instances the final vowel letter is omitted and the interrogative is joined with the following word, e. g. מֵהָהָה Ex. 4 : 2, מֵהַמְּלָכִים Isa. 3 : 15, מֵהַלְאָה Mal. 1 : 13, מֵהֵם Ezek. 8 : 6 K'thibh.

2. Another interrogative is formed by prefixing the particle אִי to the pronoun הָהָה, זֶהָה, thus אִי הָהָה *which?* or *what?* 1 Kin. 13 : 12, Eccles. 11 : 6, אִי לְזֶהָה *for what? why?* Jer. 5 : 7.

3. The words פֶּלְמִנִי אֶלְמִנִי which are always used in combination, or contracted into one פֶּלְמִנִי, are in usage equivalent to an indefinite or indeterminate pronoun, Eng. *a certain one*, Lat. *quidam*, Gr. *ὁ δέῖνα*; they are, however, derived not from pronominal but verbal roots.

VERBS.

THEIR SPECIES.

§ 76. 1. Hebrew verbs have seven different forms which have been denominated species or conjugations (בְּנֵי־יָם *buildings*). These represent as many modifications of the verbal idea, and are as follows, viz. :

1.	קַל	Kal	Simple active.
2.	נִפְעַל	Niphal	“ passive.
3.	פִּיעַל	Piēl	Intensive active.
4.	פִּעַל	Pual	“ passive.
5.	הִפְעִיל	Hiphīl	Causative active.
6.	הִפְעִיל	Hophal	“ passive.
7.	הִתְפַּעֵל	Hithpaēl	Reflexive.

a. The term *conjugations* was introduced by Reuchlin, and is very generally employed in Hebrew grammars and in those of the cognate languages. It must be borne in mind, however, that Hebrew conjugations are totally unlike the conjugations of Latin and Greek. The latter denote the various modes of inflection adopted by different roots. The former are modifications of the same root, which differ in meaning while their inflections are substantially alike. They correspond rather with voices or with derivative verbs, such as frequentatives and causatives, although they not infrequently require to be translated by words radically distinct. The term *species* proposed by Schultens, though less commonly adopted, is more descriptive.

2. Kal means *light*, and denotes that species in which no other than the three radical letters appear, and these only in their single power. The other species are called *heavy* (קָבָרִים), because burdened by the reduplication of the radicals or the addition of other letters. Their names are derived from פָּעַל *to do*, which was the model for inflection, the form assumed by this verb in each species serving as its designation. Unusual verbal forms are in like manner denoted by the corresponding forms imposed upon its radicals.

3. Other technical expressions, such as the names of the various classes of verbs, are also to be traced to this source. A verb whose first radical is a guttural, a Nun, or a Yodh, is called a Pe Guttural, Pe Nun (פָּנָה), or Pe Yodh (פָּיָה) verb, Pe as the initial of פָּעַל becoming the technical designation of a first radical generally. So a verb whose second radical is Vav is called an Ayin Vav (פָּוָה); one whose third radical is He, a Lamedh He (פָּהָה); one whose second and third radicals are alike an Ayin Doubled (פָּיָהּ), etc.

§ 77. The general idea of the several species already stated is liable to certain modifications in the variety of cases to which it is applied.

1. The Niphal is commonly the passive of Kal or of the simple idea of the verb, שָׁבַח *to steal*, Ni. *to be stolen*; כָּתַב *to write*, Ni. *to be written*.

2. Sometimes, like the Greek middle voice which coincides with the passive in certain of its forms, it has a reflex-

ive signification, *סָמַן* to *hide*, Ni. to *hide one's self*; *שָׁמַר* to *keep*, Ni. to *keep one's self*, *φυλάττεσθαι*; *נָחַם* Ni. to *repent*, lit. to *grieve one's self*, *μεταμέλεσθαι*; or expresses reciprocal action, *רָצַץ* to *counsel*, Ni. to *take counsel together*; *לָחַם* Ni. to *fight*, *μάχεσθαι*, lit. to *devour one another*. In some verbs it has both a passive and a reflexive sense, *מָכַר* Ni. to *be sold* and to *sell one's self*; *רָאָה* Ni. to *be seen* and to *let one's self be seen*, to *appear*.

3. Sometimes when the Kal is intransitive and does not admit of a proper passive, the Niphal is either identical with it in signification, *קָרַב* K. and Ni. to *approach*, or retains a shade of its original force by representing the state or condition not absolutely as in Kal, but as something effected and involving a change from another previous condition, *מָלֵא* to *be full*, Ni. to *be filled*, *הָיָה* to *be*, Ni. to *become*.

§ 78. 1. The Piel gives new intensity to the simple idea of the verb, by which its meaning is variously modified according to the nature of the case, *מָעַט* to *be few*, Pi. to *be very few*; *רָדַף* to *follow*, Pi. to *follow ardently*, to *pursue*; *פָּחַד* to *fear*, Pi. to *fear constantly*, to *be timid*; *שָׁאַל* to *ask*, Pi. to *ask repeatedly and earnestly*, to *beg*; *בָּרָא* to *create*, as God, Pi. to *form* with pains and labour, as man; *כָּתַב* to *write*, Pi. to *write much* with the implication that it is to little purpose, to *scribble*; *קָבַר* to *bury*, Pi. to *bury great numbers*.

2. The energy resident in this species displays itself by signifying the producing or causing of that which is denoted by the simple idea of the verb, thus quickening intransitive verbs into transitives, and making such as were transitive before to be doubly so. In this, which is the more frequent case, it becomes virtually equivalent to a causative, *אָבַד* to *perish*, Pi. to *make to perish*, to *destroy*; *לָמַד* to *learn*, Pi. to *teach*, i. e. *cause to learn*. Both these senses are occasionally found united in the same verb, *קָרַב* Pi. to *be very near* and to *bring near*; *שָׁחַת* Pi. to *be very corrupt* and to *corrupt or destroy*.

3. Pual is the passive of Piel, and therefore can only exist when the sense of the latter is such that a passive is possible.

§ 79. 1. The Hiphil denotes the causing or producing of that which is signified by the simple form of the verb, and, as in the corresponding case of Piel, intransitive verbs become transitive, and such as admitted of one object before are now capable of receiving two: *יָרַד* to descend, Hi. to cause to descend, bring down; *בָּיָא* to come, Hi. to bring; *רָאָה* to see, Hi. to show.

2. In some verbs Hiphil has an intransitive sense, but in most of these cases there is either an ellipsis of the object or the idea of production and causation can still be obscurely traced, *קָשָׁב* Hi. to be attentive, prop. to make (one's ear) attend; *מָיִתֵק* Hi. to be sweet, prop. to cause sweetness; *שָׂבִיל* Hi. to be wise, prop. to act wisely, exhibit wisdom; *אִמָּץ* Hi. to be brave, prop. to act bravely; *זָקֵן* Hi. to grow old, prop. to acquire age. In a few instances both senses are found united in the same verb, *פָּרַח* Hi. to cause to bud and to put forth buds; *אָרַח* Hi. to prolong and to be long; *קָשַׁר* Hi. to enrich and to grow rich; *שָׂמַן* Hi. to make fat and to become fat (comp. Eng. fatten).

3. Hophal is the passive of Hiphil.

a. When Kal has both a transitive and an intransitive sense. Hiphil, as the causative of the latter, becomes substantially identical with the former. *אָרַח* K. to extend or to bend, trans. and intrans.. Hi. *id.* trans. In Job 23 : 11. Ps. 125 : 5. Isa. 30 : 11. where the Hiphil of this verb appears to be used intransitively in the sense of *turning aside*, there is an ellipsis of its proper object, to bend (the steps).

§ 80. 1. The Hithpael is reflexive or reciprocal of the idea of the verb, mostly as this is expressed in the Piel species (from which it is formed, § 82. 5), the particular shade of meaning being modified according to the circumstances of the case. (1) It indicates that the subject is likewise the direct object of the action, *מָצַח* Pi. to deliver, Hith. to escape, deliver one's self; *יָדַח* Pi. to justify, Hith. to justify one's self;

הָשִׁיחַ Pi. *to seek*, Hith. *to disguise one's self*, prop. *to let one's self be sought for*; הִקְרָה Pi. *to make sick*, Hith. *to make one's self sick* whether in reality or in the esteem of others, i. e. *to feign sickness*; הִרְבִּים Hith. *to show one's self wise* whether in reality or in his own conceit. (2) Or that he is the indirect object of the action, which is for his benefit, or relates entirely to him, פָּתַח Pi. *to open*, Hith. *to open for one's self*; נָחַל Hith. *to inherit (for one's self)*; הִרְיַן Pi. *to make gracious*, Hith. *to implore favour*, prop. *to make to be gracious to one's self*. (3) Or that the action is mutual between two or more parties, קָשַׁר Pi. *to bind*, Hith. *to conspire*, prop. *to band together*; רָאָה Hith. *to see*, Hith. *to look upon one another*.

2. This species is sometimes a mere passive like the Niphal שָׁחַח *to forget*, Hith. *to be forgotten*; נָפַח Pi. *to atone*, Hith. *to be atoned*; עָתַד Pi. *to prepare*, Hith. *to be prepared*. In a few instances the reflexive and the passive senses are found in the same verb, מָכַר Hith. *to sell one's self* and *to be sold*.

a. (1) The affinity between the Piel and Hiphil species is such as in very many verbs to render it unnecessary to retain them both, and one or the other has been allowed to fall into disuse. Where both exist, they are often nearly or quite synonymous, and are used indiscriminately, קָדַשׁ Pi. and Hi. *to sanctify*, or differ only in the frequency of their employment, שָׁמַע Pi. and Hi. (rare) *to send*, שָׁמַע Pi. (rare) and Hi. *to cause to hear*. In other cases they are distinguished by adhering to those significations of the species in which they depart palpably from one another, נָמַח Pi. (intens.) *to grow luxuriantly*, Hi. (caus.) *to make to grow*, הִשְׁמַח Pi. (caus.) *to make foolish*, Hi. (intrans.) *to act foolishly*; or by developing them from different significations of the root, בָּשַׁל Pi. *to cook (food)*, Hi. *to ripen (fruit)*; בָּרַךְ Pi. *to bless* (prop. *to kneel in worship*), Hi. *to cause to kneel* (as a physical act), שָׁבַח Pi. *to break the bones* (שָׁבַח), Hi. *to render strong*; or by restricting them to special applications, הִרְבִּיחַ Pi. *to burn incense* (to idols), Hi. *to burn incense* (to God); הִרְבִּיחַ Hi. *to change*, Pi. *to change* (the clothes); שָׁטַח Hi. *to strip*, Pi. *to strip* (the slain in battle).

(2) It is still less common to find both Niphal and Hithpael in the same verb. Where this does occur they are sometimes used interchangeably, at others a distinction is created or adhered to, הִשְׁפַּח Ni. and Hith. *to be poured out*; דַּבַּר Ni. and Hith. *to talk with one another*; הִבָּרַךְ Ni. *to be blessed*, Hith. *to bless one's self*; הִרְבִּיחַ Ni. *to be ploughed*, Hith. *to keep (one's self) quiet*; קָשַׁר Ni. *to be bound*, Hith. *to conspire*.

(3) When in particular verbs two species have substantially the same

sense, it sometimes happens that parts only of each are in use. one supplementing the deficiencies of the other, or that one of the active species, losing its proper passive, is supplied by another whose corresponding active is wanting. Thus יָכַל *to be able* has a Kal preterite and infinitive; but its future is Hophal (strictly, *to be made able*, but in usage the equivalent of Kal); פָּסַח *to be pale*, נָגַח *to draw near*, הִקָּה *to be poured out*, have their futures in the Kal but their preterites in the Niphal; וָסַף *to add* has both a Kal and a Hiphil preterite, which are synonymous, but only a Hiphil future. Again, in בָּדַל *to separate* and שָׁחַח *to destroy*, the Kal has yielded to the Hiphil (strictly, *to cause separation, destruction*), but the Niphal is retained as its passive; רָחַץ *to bathe* and זָרַק *to sprinkle*, have in the active the Kal form and in the passive the Pual.

(4) All verbs are found in one or more of these species or conjugations, but very few in the whole of them. Of the 1,332 trilateral verbs in the Hebrew Bible, 530 appear in some one species only, 360 in two species, 235 in three, 118 in four, 70 in five, 12 in six, and 7 in the entire number, viz.: פָּרַק *to cleave asunder*, נָחַח *to uncover*, הִקָּה *to be sick*, יָדַע *to know*, בָּרַח *to bring forth*, בָּרַח *to visit*, רָם *to be high*. The number of species in which a given verb appears, is sometimes limited by the necessity of the case, as when its meaning will not admit of the modifications denoted by all the species; or by usage, as when certain species are dropped as unnecessary, the ideas which they would convey being expressed in another manner; or by the circumstance that in the small volume of the Old Testament, examples may not occur of all the species which actually were in use.

b. Instances occur in which the active species, and less frequently the passives, derive their meanings not directly from the root, but from some noun which has sprung from it. These are called Denominatives. Thus, שָׁחַח K. *to break the neck* (שָׁחַח); שָׁחַח K. *to tithe* (שָׁחַח *ten*); לָבַח *to make bricks* (לָבַח); נָחַח Ni. *to be possessed of understanding*, or, according to others, *to be devoid of understanding* (לֵב *heart*); כָּהֵן Pi. *to act as priest* (כֹּהֵן); בָּנִין Pi. *to build a nest* (בֵּן); מִרְבָּע Pu. part. *square* (אַרְבַּע *four*); מִשְׁקָר Pu. *almond-shaped* (מִשְׁקָר); מִתְקַשׁ Pu. *dyed scarlet* (תְּקַשׁ); הִשְׁלֵיךְ Hi. *to snow* (שֶׁלֶךְ); הִאָּזַן Hi. *to give ear* (אָזֶן); הִשְׁמִיךְ Hi. *to snare* (שָׁמַךְ); הִמְלִיחַ Ho. *to be salted* (מֶלַח); הִתְקַדַּח Hith. *to make one's self a Jew* (קָדַח); הִצְמִיחַ Hith. *to supply one's self with provision* (צִמָּה). A verbal form may occasionally arise even from an adverb. נִתְקַדַּח Ni. part. *removed far away* (הִתְקַדַּח), or an interjection, הִנְחֵם Hi. *and he stilled* (חָם *hush!*).

PERFECT VERBS.

§ 81. There is one normal standard for the formation of these several species and their further inflection, to which all verbs conform unless prevented by the character of their radicals. There are no anomalous or irregular deviations

from this standard, such as are found in other languages, for which no explanation can be given but the fact of their occurrence. Whatever deviations do occur result from the presence of letters in the root which do not admit of certain combinations and forms, and compel the adoption of others in their stead. Verbs are hence distinguished into perfect and imperfect. They are styled perfect when their radical letters are capable of entering into all those combinations and exhibiting all those forms which conformity with the standard requires. They are imperfect when the root contains a weak letter, § 7. 2, or is otherwise so constituted as to lead to a departure from the standard inflections.

§ 82. 1. In perfect verbs the Kal is formed by giving Pattahh, or more rarely one of its compounds, Tserē or Hholem, to the second radical as its essential or characteristic vowel, and to the first radical a pretonic Kamets, § 64. 2, thus: קָטַל, קָבַר, קָטַן.

a. The number of verbs, perfect and imperfect, whose second radical has Tserē or Hholem, or as they are technically called *middle ē* and *middle σ*, is quite inconsiderable. They are mostly of an intransitive signification.

(1) The following have Tserē, viz. :

זָקַן to be old.	קָבַר (Isa. 24:20 קָבְרָה) to be heavy.	יָחַד to die.
הִשְׂתַּחֲוֶה to delight.		נָבַל to fade.
הִצִּיב to hew.	קָשָׁר to be right.	צָבָא to thirst.
קָהַר to be clean.	לָבַשׁ and לָבַשׁ to put on.	קָהַל (Isa. 33:9 קָהַל) to wither.
נִצָּא to be unclean.	קָלָא trans. or intrans. (Esth. 7:5 קָלָא trans.) to fill or be full.	שָׂנְאָה to hate.
הִיָּשׁ to be dry.		שָׁפַל to be brought low.
יָרָא to fear.		

(2) The following have Tserē in pause, § 65. 3. a, or as a pretonic vowel, § 64. 2, before a suffix, but Pattahh in other cases. Such as only occur in pause or with suffixes are printed with Tserē.

אָהַב to love.	גָּדַל to be or become great.	הִדַּל to cease.
אָשַׁם to be guilty.		הִלְמִין to be leavened.
בָּצַק to swell.	הִבִּיחַ to cleave to.	הִזַּק to be profaned.
בָּטַר to prevail.	הִשָּׂן to grow fat.	הִסָּר to lack.

הָאָרַח to blush (distinguished from הָאָרַח to dig).	הָאָרַח to come upon, to prosper.	הָאָרַח to be strong.	הָאָרַח to be sated.
הָאָרַח to be weary.	הָאָרַח to be holy.	הָאָרַח to possess.	הָאָרַח to rejoice.
הָאָרַח to be pleasant.	הָאָרַח to come near.	הָאָרַח to be desolate.	הָאָרַח to forget.
	הָאָרַח to be hungry.	הָאָרַח to hear.	הָאָרַח to dwell.

Several others are marked with Tseré in the lexicon of Gesenius, in which that vowel does not occur.

(3) The following have Hholem:

הָאָרַח to shine.	הָאָרַח to be able.	הָאָרַח (Ps. 18 : 15 הָאָרַח) to shoot.
הָאָרַח to be ashamed.	הָאָרַח to snare.	הָאָרַח (Gen. 43:14 הָאָרַח) to be bereaved.
הָאָרַח to be good.	הָאָרַח (see §86. a) to flow.	
הָאָרַח to dread.	הָאָרַח to be small.	

2. The Niphal is formed by prefixing הָ to the letters of the root; thus, הָאָרַח, which by § 61. 1. becomes הָאָרַח.

3. The Piel and Pual are formed by doubling the second radical and attaching the appropriate vowels; thus, הָאָרַח, הָאָרַח.

4. The Hiphil and Hophal are formed by prefixing הָ with the proper vowels; thus, הָאָרַח, הָאָרַח.

5. The Hithpael is formed by prefixing הָ to the construct infinitive of the Piel; thus, הָאָרַח. If the first radical be one of the sibilants ס, ש or ש, the ה of the prefixed syllable will be transposed with it, הָאָרַח, הָאָרַח. If the first radical be א, the ה will be transposed, and in addition changed to ח, e. g. הָאָרַח. If the first radical be one of the linguals ד, ט or ת, the ה will be assimilated or united to it by Daghesh-forte, הָאָרַח, הָאָרַח, הָאָרַח.

a. In one instance הָאָרַח Jer. 49:3 remains before ש without transposition, which would bring three linguals in close connection, and once it is assimilated to ש. Eccl. 7:16 הָאָרַח, elsewhere הָאָרַח; ה is likewise assimilated to the sibilant א in the only Hithpael form in which that letter is the initial of the root הָאָרַח Isa. 1:16. In one instance הָאָרַח Judg. 19:22 remains without assimilation before ד. The ה may either be assimilated or not to the initial א of two verbs הָאָרַח, הָאָרַח, and the initial א of two הָאָרַח, הָאָרַח. It is assimilated to the א of הָאָרַח, which occurs but twice in the Hithpael, to the א of הָאָרַח, which only occurs once, and in one instance to ד, viz. הָאָרַח Isa. 33:10 but הָאָרַח Dan. 11:36.

b. The seven species may, agreeably to their formation, be reduced to three with their derivatives, viz.:

<i>Active</i>	1. Kal	2. Piel	3. Hiphil
<i>Passive</i>		Pual	Hophal
<i>Middle</i>	Niphal	Hithpael	

(1) The prefixed letters of the Niphal and Hithpael נ and ה (with ה prosthetic, §53. 1. a) are probably in their origin fragmentary pronouns signifying *self*; whether they are referable to הָנִי and הָאָנִי of the first and second persons must be left to conjecture. The idea primarily suggested is that of performing an action upon one's self; but in the Niphal usually, and in the Hithpael occasionally, the reflexive signification has, as in certain tenses of the Greek middle and in the reciprocal verbs of some modern languages, given place to the passive. In the Aramæan the forms with a prefixed הָנִי have not only quite lost their original character as reflexives, but have superseded all other passives.

(2) The idea of causation in the Hiphil and Hophal, if the author may venture to offer his own opinion upon this perplexed subject, is not due, as in the Indo-European causatives, to the introduction of a syllable directly suggesting it. It appears to be primarily another intensive form, with which usage has ordinarily connected, as it frequently has with the Piel, the notion of productive energy or the quickening of an intransitive into a transitive. As in the Piel and its derivatives, the idea of intensity is suggested by giving a doubled and consequently more intense pronunciation to the central radical; so in the Hiphil, by a like symbolism, the power of the root is augmented by the accession of a new initial syllable, whether the weak letter ה is merely for the sake of pronouncing the vowel, which seems likely from the corresponding נ in Aramæan and Arabic, or is itself significant, in which case it must be of pronominal origin, related possibly to הָנִי of the third person, and having a prepositional or intensive force.

(3) The distinction between active and passive in the intensive and causative species is made by the vowels alone, and that in a way perfectly simple, and yet as clearly marked as possible. Of the three pure vowels *i* and *u* offer the most striking contrast, and these are severally set in opposite syllables in the forms to be distinguished; *i* or its cognate *e* marks the second syllable of the actives, *u* or its cognate *o* the first syllable of the passives, the other syllable receiving in every case the simplest and only remaining vowel: thus, הַתְּחַיֵּב, הַתְּחַוֵּב — הִתְחַוֵּב, הִתְחַיֵּב. For that *a* primarily belonged to the first syllable of both Piel and Hiphil is apparent from its retaining its place throughout these species with the exception of the preterite, and from its preservation in the cognate languages.

§ 83. If הַתְּחַיֵּב to *kill* be taken as the representative of the regular verb, the various species with their significations will be as follows, viz.:

1. Kal	קָטַל	<i>to kill.</i>
2. Niphal	נִקְטַל	<i>to be killed.</i>
3. Piel	קָטַלְתִּי	<i>to kill many or to massacre.</i>
4. Pual	קָטַלְתִּי	<i>to be massacred.</i>
5. Hiphil	הִקְטִיל	<i>to cause to kill.</i>
6. Hophal	הִקְטַלְתִּי	<i>to be caused to kill.</i>
7. Hithpael	הִתְקַטַּל	<i>to kill one's self.</i>

a. It is in each case the third person masculine singular of the preterite which is given above, and the strict signification therefore is *he has killed*, etc. These being the simplest forms of the various species, however, and destitute of any sign of tense or person, are commonly used to represent the species; and in this sense the proper equivalent is the infinitive, which is the form used for designating verbs in English.

b. The verb קָטַל is well fitted for a model, and is now generally so employed. The consonants, which compose its root, have no peculiarities to interfere with its inflection, it has a signification capable of being carried through all the species, and as it exists likewise in the cognate languages, it offers a good basis for their comparison. It occurs, indeed, but three times in the Bible, Job 13:15, 24:14, Ps. 139:19, and in but one species; still the very rarity of its occurrence only restricts it more completely to its use as a representative or typical verb. The old Jewish model קָטַלְתִּי, §76. 2, is objectionable on account of its weak letter ט, and on account of the twofold sound of its initial radical ק, which, with its Dagghesh-lene, might prove perplexing to beginners.

c. (1) The existence of other and less usual species is a needless assumption. The Poel, Piel, Pilpel and the like, are not additional species but identical in character and signification with those already named. The more copious Arabic, with its nicer shades of distinction, has greatly multiplied the number of its species or conjugations, incorporating into its standard paradigm forms corresponding to some of these which the Hebrew only occasionally employs. In the latter language, however, they are at the utmost alternate forms substituted in place of the ordinary ones, and found for the most part in the imperfect verbs, to the nature of whose radicals they owe their peculiarities of structure. When, as is the case in a very few instances, there is a double form to a particular species in the same verb, usage has mostly created an arbitrary distinction between them, e. g. Pi. שָׁחַט *to uproot* and שָׁחַט *to take root*; Pi. קָמַם *to cause to stand*, applied to covenants and oaths, *to ratify*, and קָמַם, in a physical sense, *to raise up*; Hi. הִשְׁתַּחֲוֶה *to cause to rest, to set down*, and הִשְׁתַּחֲוֶה *to leave, to let alone*. There is no objection to the employment of these names as convenient designations of particular modes of formation, provided it is understood that they mean nothing more.

(2) There are very few instances of what may be called compound species; thus, Niphal of Pual קָטַלְתִּי Isa. 59:3, Lam. 4:14, *to be exceed-*

ingly defiled, stronger than the simple Niphal בָּעֲרָה ; Niphal of Hithpael בָּעֲרָה ; Ezek. 23 : 48, בָּעֲרָה ; Deut. 21 : 8, בָּעֲרָה ; Prov. 27 : 15.

§ 84. To each of these species belong a preterite and future, two forms of the infinitive, an absolute and a construct, a participle, and, except to the Pual and Hophal which as pure passives cannot express a command, an imperative. The Kal has both an active and a passive participle, one more, consequently, than the other species. The preterite of each species is the form already described, § 83. The remaining parts are formed in the following manner, viz. :

1. The absolute infinitive is formed by changing the last vowel in Hiphil and Hophal to Tsere, and in each of the other species to Hholem, observing likewise that Hhirik in the penult of Piel and Hiphil is to be changed to Pattahh. (See Paradigm of the Perfect Verb.) This rule gives to Niphal the infinitive בָּעֲרָה , which form actually occurs, § 91. *b*. If, however, the original Sh'va be suffered to remain after the prefixed ב , § 82. 2, thus, בְּעֲרָה , a prosthetic ה will be required in order to its pronunciation, § 53. 1. *a*, after which ב will be assimilated to the following letter, § 54. 2, and a pretonic Kamets, § 64. 2, added to the פ in order to give full effect to the reduplication; thus בְּעֲרָה , which is the form written in the paradigm.

2. The construct infinitive is formed from the absolute in the Kal by rejecting the pretonic Kamets, § 82. 1, in Niphal by changing the last vowel to Tsere, and in the remaining species by making the last vowel conform to the corresponding vowel of the preterite.

3. The future is formed from the construct infinitive by the appropriate personal prefixes; if the first letter of the infinitive be ה , it is rejected, § 53. 3, and its vowel given to the prefix.

a. (1) Some verbs take Pattahh in the last syllable of the Kal future instead of the Hholem of the construct infinitive. This is particularly the case with intransitive verbs. Such as have Tsere in the preterite regu-

larly take Pattahh in the future; of the list given §82. 1. a. (1) and (2) but three הָצַב, נָבַל, נָזַן take Hholem, and two הָפִיץ and שָׁמַע take indifferently Hholem or Pattahh. Of verbs with middle *ō* in the preterite three נָזַל, נָזַן, and שָׁבַל take Pattahh in the future; the rest either do not occur in the future, or have imperfect letters in their root which obscure their true formation.

(2) The following verbs with Pattahh in the preterite have Pattahh likewise in the Kal future. Those which do not occur in the Kal preterite, or occur only in forms which do not reveal the character of the vowel following the second radical, are distinguished by an asterisk. Verbs having a Pattahh in the future, which is due to imperfect letters in the root, (e. g. Pe Yodh, Ayin Guttural, Lamedh Guttural), are not included in this list.

נָאָם to mourn.	נָגַשׁ to come near.	רָבַח to lie down.
* אָלַף to learn.	נָפַל (intrans.) to fall off.	רָגַז to rage or tremble.
* אָזַן to be strong.	* נָהַךְ to be poured.	* רָבַח to be vel.
* אָזַח to be angry.	* סָלַק (§ 86. b.) to ascend.	רָבַח to ride.
* הָבַל to become vain.	שָׁן to smoke.	* רָפַד to spread.
תָּוַק to be strong.	* נָחַק to be removed.	* רָתַב to rot.
חָכַם to be wise.	* צָדַק to be righteous.	שָׁבַח to lie down.
תָּשָׁה to be dark.	* קָלַל to be lightly esteemed.	שָׁלַט to rule.
* פָּסַל to be foolish.	קָלַל to be lightly esteemed.	* שָׁלַט to be complete.
לָמַד to learn.	* קָטַב to be attentive.	* שָׁמַע to grow fat.
מָתַק to be sweet.		

(3) The following with Pattahh in the preterite have both Pattahh and Hholem in the future.

בָּגַד to deal treacherously.	חָמַם to be hot.	נָשָׂה to bite.
גָּזַר fut. <i>ō</i> , to tear, fut. <i>a</i> , to resolve.	הָלַן to be gracious.	פָּלַל to do.
הָלַךְ (mostly fut. <i>ē</i>) to go.	* הָרַשׁ fut. <i>ō</i> , to plough, fut. <i>a</i> , to be silent.	טָפַט to strip off.
זָעַם to curse.	נָחַךְ to tear.	חָסַם to use divination.
* חָבַשׁ to bind.	רָצַח to form.	קָצַר fut. <i>ō</i> , to cut off; fut. <i>a</i> , to be short.
* חָלַשׁ fut. <i>ō</i> , to subdue, fut. <i>a</i> , to be weak.	מָנַל to trespass.	שָׁנַח to rest.
	נָדַד to flee.	חָמַם to be finished.
	נָדַד to vow.	

b. Some imperfect verbs, chiefly Pe Yodh, take Tsere in the second syllable of the Kal future, e. g. רָשַׁב, רָשַׁן.

4. The imperative has the same form with the construct infinitive except in Hiplul, where the last vowel is Tsere as in the infinitive absolute.

a. Where the Kal future has Pattahh or Tsere the imperative takes the same.

5. The Kal active participle takes the form קָטֹל and the passive קָטֹל. The participle of the Niphal lengthens the last vowel of the preterite from Pattahh to Kamets; those of the other species are formed by prefixing הַ to the construct infinitive, rejecting ה where this is the initial letter, § 53. 3, and lengthening the last vowel where this is short.

§ 85. 1. The preterite and future are inflected through three persons, the imperative only in the second person, a command presupposing the form of direct address. There are also distinct forms for the singular and plural numbers and for the masculine and feminine genders. Verbal inflections are made by means of pronominal fragments added to the end of the preterite and imperative, and for the most part prefixed to the future.

a. The following are the fragments used for this purpose in the various parts of the verb:

Preterite (קָטַל).

(1) SINGULAR. *3rd pers. masc.* The third person alone has no personal ending in any of its forms; as each of the others has such a termination, none was needed for the sake of distinction. Nothing more was required than to indicate the gender and number. The masculine singular is expressed by the simple form of the species with no appended sign whatever.

3 fem. The original feminine termination is הַ, which, appended to the masculine, would give קָטַלְהַ. a form used before suffixes, § 101. 1, in Lamedh He verbs and occasionally elsewhere, § 86. b. Commonly, however, in verbs as in nouns and adjectives, the final ה is dropped, § 55. 2. c, and the previous vowel, which thus comes to stand in a simple syllable, is lengthened, קָטַלְהַ.

2 masc. The appended הַ is derived from קָטַלְהַ.

2 fem. הַ from קָטַלְהַ.

1 com. הַ changed from הַ of קָטַלְהַ; compare the similar relation of the suffixes הַ, הַ to the pronouns קָטַלְהַ, קָטַלְהַ § 72. The Ethiopic retains the *k* unaltered, *katalaku*.

PLURAL. 3 com. The original plural termination § 71. b. (2) is a nasal ם or ן preceded by the vowel ה. The full ending ון is still found in a very few instances, § 86. b, generally the ן is dropped, § 55. 2. a.

2 masc. םה from םהם.

2 fem. ון from ונהן.

1 com. נה from נהי.

Future (עתיד).

(2) SINGULAR. 3rd pers. masc. The prefixed ה is from הנה; the vowel ū, which distinguishes the masculine pronoun, is changed to the corresponding semivowel ו, and this at the beginning of words becomes י, § 56. 2.

3 fem. ה, the sign of the feminine, is here prefixed.

2 masc. and fem. The prefixed ה is from הנה, אנה, from the latter of which is derived the appended ה of the feminine.

1 com. The prefixed נ is from נהי.

PLURAL. 3 masc. and 2 masc. The same plural termination as in the preterite is appended to the corresponding singular forms.

3 fem. and 2 fem. The feminine plural is, as in the pronouns הנה, אנה, denoted by ה appended to the singular, the 2 fem. sing. termination ה being dropped as superfluous.

1 com. The prefixed נ is from נהי.

Imperative (עתה), etc.

(3) No designation of the person is here necessary as the second is the only one in use. Gender and number are indicated by the same terminations as in the corresponding person of the future. The future forms will, in fact, in every case directly yield those of the imperative by rejecting the prefixed ה, the sign of the second person, and restoring the ה in those cases in which it has been suppressed.

(4) The *Infinitive* (עתה fountain, whence other forms are derived) is an abstract verbal noun commonly masculine, but sometimes with a feminine termination.

(5) The *Participle* (עתה intermediate between the preterite and the future) shares the inflections of nouns and adjectives.

2. The inflections of the perfect verb in all the species are shown by the paradigm of קטל upon the next page.

PARADIGM OF

		KAL.	NIPHAL.	PIEL.	PUAL.	
PRET.	3 m.	קָטַל	נִקְטַל	קָטַל	רָטַל	
	3 f.	קָטְלָהּ	נִקְטְלָהּ	קָטְלָהּ	רָטְלָהּ	
	2 m.	קָטַלְתָּ	נִקְטַלְתָּ	קָטַלְתָּ	רָטַלְתָּ	
	2 f.	קָטַלְתְּ	נִקְטַלְתְּ	קָטַלְתְּ	רָטַלְתְּ	
	1 c.	קָטַלְתִּי	נִקְטַלְתִּי	קָטַלְתִּי	רָטַלְתִּי	
	Plur.	3 c.	קָטְלוּ	נִקְטְלוּ	קָטְלוּ	רָטְלוּ
		2 m.	קָטַלְתֶּם	נִקְטַלְתֶּם	קָטַלְתֶּם	רָטַלְתֶּם
		2 f.	קָטַלְתֶּן	נִקְטַלְתֶּן	קָטַלְתֶּן	רָטַלְתֶּן
		1 c.	קָטַלְתִּנִּי	נִקְטַלְתִּנִּי	קָטַלְתִּנִּי	רָטַלְתִּנִּי
INFIN. <i>absol.</i>		קָטוּל	הִקְטַל	קָטַל	קָטַל	
	<i>constr.</i>	קָטֹל	הִקְטֹל	קָטֹל	(רָטֹל)	
FUT.	3 m.	יִקְטַל	יִקְטַל	יִקְטַל	יִרְטַל	
	3 f.	תִּקְטַל	תִּקְטַל	תִּקְטַל	תִּרְטַל	
	2 m.	תִּקְטַלְתָּ	תִּקְטַלְתָּ	תִּקְטַלְתָּ	תִּרְטַלְתָּ	
	2 f.	תִּקְטַלְתְּ	תִּקְטַלְתְּ	תִּקְטַלְתְּ	תִּרְטַלְתְּ	
	1 c.	אִקְטַל	אִקְטַל	אִקְטַל	אִרְטַל	
	Plur.	3 m.	יִקְטְלוּ	יִקְטְלוּ	יִקְטְלוּ	יִרְטְלוּ
		3 f.	תִּקְטְלֶנָּה	תִּקְטְלֶנָּה	תִּקְטְלֶנָּה	תִּרְטְלֶנָּה
		2 m.	תִּקְטְלוּ	תִּקְטְלוּ	תִּקְטְלוּ	תִּרְטְלוּ
		2 f.	תִּקְטְלֶנָּה	תִּקְטְלֶנָּה	תִּקְטְלֶנָּה	תִּרְטְלֶנָּה
		1 c.	נִקְטַל	נִקְטַל	נִקְטַל	נִרְטַל
IMPER.	2 m.	קָטַל	הִקְטַל	קָטַל		
	2 f.	קָטְלִי	הִקְטְלִי	קָטְלִי		
	Plur.	2 m.	קָטְלוּ	הִקְטְלוּ	קָטְלוּ	wanting
		2 f.	קָטְלֶנָּה	הִקְטְלֶנָּה	קָטְלֶנָּה	
PART.	<i>act.</i>	קָטִיל		מְקָטִיל		
	<i>pass.</i>	קָטוּל	נִקְטָל		מְקָטָל	

PERFECT VERBS.

HIRPHIL.	HOPHAL.	HITHPAEL.	KAL (<i>mid. ē</i>).	KAL (<i>mid. ō</i>).
הִקְטִיל	הִקְטִיל	הִתְקַטַּל	קָטַד	שָׁטַל
הִקְטִילָהּ	הִקְטִילָהּ	הִתְקַטְּלָהּ	קָטְדָהּ	שָׁטְלָהּ
הִקְטִילְתָּ	הִקְטִילְתָּ	הִתְקַטַּלְתָּ	קָטַדְתָּ	שָׁטַלְתָּ
הִקְטִילְתָּ	הִקְטִילְתָּ	הִתְקַטַּלְתָּ	קָטַדְתָּ	שָׁטַלְתָּ
הִקְטִילֶנּוּ	הִקְטִילֶנּוּ	הִתְקַטַּלְנֵנוּ	קָטְדוּ	שָׁטְלוּ
הִקְטִילְתֶּם	הִקְטִילְתֶּם	הִתְקַטַּלְתֶּם	קָטַדְתֶּם	(שָׁטַלְתֶּם)
הִקְטִילְתֶּן	הִקְטִילְתֶּן	הִתְקַטַּלְתֶּן	קָטַדְתֶּן	(שָׁטַלְתֶּן)
הִקְטִילֻהוּ	הִקְטִילֻהוּ	הִתְקַטַּלֻּהוּ	קָטְדוּ	שָׁטְלוּ
הִקְטִיל	הִקְטִיל	(הִתְקַטַּל)	קָטַד	שָׁטַל
הִקְטִיל	הִקְטִיל	הִתְקַטַּל	קָטַד	שָׁטַל
יִקְטִיל	יִקְטִיל	יִתְקַטַּל	יִקְטִיד	יִשָּׁטַל
תִּקְטִיל	תִּקְטִיל	תִּתְקַטַּל	תִּקְטִיד	תִּשָּׁטַל
תִּקְטִיל	תִּקְטִיל	תִּתְקַטַּל	תִּקְטִיד	תִּשָּׁטַל
תִּקְטִילֶיךָ	תִּקְטִילֶיךָ	תִּתְקַטַּלֶיךָ	תִּקְטִידֶיךָ	תִּשָּׁטַלֶיךָ
אִקְטִיל	אִקְטִיל	אִתְקַטַּל	אִקְטִיד	אִשָּׁטַל
יִקְטִילוּ	יִקְטִילוּ	יִתְקַטַּלוּ	יִקְטִידוּ	יִשָּׁטְלוּ
תִּקְטִילְנָהּ	תִּקְטִילְנָהּ	תִּתְקַטַּלְנָהּ	תִּקְטִידְנָהּ	תִּשָּׁטְלְנָהּ
תִּקְטִילֶנּוּ	תִּקְטִילֶנּוּ	תִּתְקַטַּלֶנּוּ	תִּקְטִידוּ	תִּשָּׁטְלוּ
תִּקְטִילְנָהּ	תִּקְטִילְנָהּ	תִּתְקַטַּלְנָהּ	תִּקְטִידְנָהּ	תִּשָּׁטְלְנָהּ
נִקְטִיל	נִקְטִיל	נִתְקַטַּל	נִקְטִיד	נִשָּׁטַל
הִקְטִיל		הִתְקַטַּל	קָטַד	
הִקְטִילֶיךָ		הִתְקַטַּלֶיךָ	קָטַדֶיךָ	
הִקְטִילֶנּוּ	wanting	הִתְקַטַּלֶנּוּ	קָטַדוּ	
הִקְטִילְנָהּ		הִתְקַטַּלְנָהּ	קָטַדְנָהּ	
מִקְטִיל		מִתְקַטַּל		
	מִקְטִיל			

a. In order to a better understanding of the preceding paradigm, it should be observed that certain changes result from attaching the personal inflections to the verb, which are to be explained by the general laws of sounds and syllables.

(1) The prefixes of the future occasion no changes unless they stand before ה which is rejected, and its vowel given to the prefix, §53. 3, e. g. לִּפְנֵי הַיָּם for לִּפְנֵי הַיָּם , or stand before a vowelless letter when the Sh'va of the prefix becomes Hhirik, §61. 1, thus forming a new syllable to which the initial radical is attached, e. g. לִּפְנֵי הַיָּם for לִּפְנֵי הַיָּם . Where א of the first person singular would receive Hhirik, it takes the diphthongal Seghol instead, §60. 1. a (5), e. g. לִּפְנֵי הַיָּם , לִּפְנֵי הַיָּם .

(2) Terminations consisting of a vowel, viz., ה, ו, and י, of the feminine singular and ו of the plural, occasion the rejection of the vowel in the ultimate, §66. 2, which is no longer needed, except in the Hiphil whose long ו is retained in the preterite and future, and takes the place of (.) in the imperative, e. g. הִשְׁמַעְתָּהּ , הִשְׁמַעְתֶּנּוּ but הִשְׁמַעְתִּי . In the Kal imperative the rejection takes place although it creates a necessity for the formation of a new syllable, הִשְׁמַעְתִּי for הִשְׁמַעְתִּי , הִשְׁמַעְתֶּנּוּ from הִשְׁמַעְתֶּנּוּ , §61. 1.

(3) Terminations consisting of a consonant ה or of a simple syllable ה, ו, י, נ, ג, ה, occasion no change, except the compression of the antecedent vowel, which now stands before two consonants, to (.) in the preterite, and from י, to (.) in the future, הִשְׁמַעְתָּהּ , הִשְׁמַעְתֶּנּוּ , §61. 4. But verbs with middle o retain the Hholem in the Kal preterite, הִשְׁמַעְתָּהּ .

(4) Terminations consisting of a mixed syllable הו, הו, occasion the same compression of the vowel of the ultimate, and inasmuch as they always receive the accent, §33. 3, they likewise cause the rejection from the penult of the Kal preterite of the pretonic Kamets, which owes its existence to the proximity of the tone syllable, §82. 1, הִשְׁמַעְתָּהּ from הִשְׁמַעְתָּהּ .

REMARKS ON THE PERFECT VERBS.

KAL.

§86. a. PRETERITE. Verbs with middle Tseré exchange this for Pat-tahh upon the accession of a personal affix beginning with a consonant. Those with middle Hholem retain this vowel, unless it be deprived of the accent when it is shortened to Kamets Hhatuph, הִשְׁמַעְתָּהּ , הִשְׁמַעְתֶּנּוּ , הִשְׁמַעְתִּי . The second vowel, whatever it be, is regularly dropped before affixes beginning with a vowel, but here, as elsewhere throughout the paradigm, is restored and if need be lengthened on the reception of a pause accent, e. g. הִשְׁמַעְתָּהּ , הִשְׁמַעְתֶּנּוּ , הִשְׁמַעְתִּי . The words הִשְׁמַעְתָּהּ Judg. 5:5, הִשְׁמַעְתֶּנּוּ Isa. 63:19, 64:2, are by Kimchi, Mikhol fol. 5, regarded as Kal preterites from הִשְׁמַעְתָּהּ *flowed*, in which case the second must be added to the list of forms with Dagghesh-forte emphatic, §24. c, by Gesenius as Niphal preterites from הִשְׁמַעְתָּהּ *shook*, comp. הִשְׁמַעְתָּהּ Gen. 11:7, הִשְׁמַעְתָּהּ Am. 3:11 from הִשְׁמַעְתָּהּ , הִשְׁמַעְתֶּנּוּ .

b. SING. 3 fem. The old form with ה is found constantly in Lamedh He verbs, occasionally in Lamedh Aleph, and in two instances besides, אָזַלְהִי Deut. 32:36 (with the accent on the penult because of a following monosyllable, § 35. 1.), and אָזַלְהִי Ezek. 46:17 from אָזַלְהִי. The vowel letter א is once written in place of ה, אָזַלְהִי Ezek. 31:5 *K'thibh*, § 11. 1. *a.*

2 masc. The vowel letter ה is sometimes appended as in the pronoun אָזַלְהִי from which the termination is taken, אָזַלְהִי Mal. 2:14, אָזַלְהִי Jer. 17:4; so in other species besides Kal, אָזַלְהִי Gen. 31:30, אָזַלְהִי Job 33:12 *K'thibh*, אָזַלְהִי Ps. 73:27. In the last example the ה of the root is united by Daghesh-forte with the ה of the personal affix; this union regularly occurs between roots ending with ה and affixes beginning with the same letter אָזַלְהִי Job 23:17, אָזַלְהִי Ps. 89:45, אָזַלְהִי Isa. 16:10, אָזַלְהִי Ex. 5:5, אָזַלְהִי Ezek. 28:8, אָזַלְהִי Gen. 19:19, אָזַלְהִי Jer. 49:37.

2 fem. The full termination הִי of אָזַלְהִי is frequently added in Jeremiah and Ezekiel and occasionally elsewhere, אָזַלְהִי Ezek. 16:22, and repeatedly in the same chapter, אָזַלְהִי Ruth 3:3; so in other species אָזַלְהִי Jer. 3:5, אָזַלְהִי Jer. 13:21. See also Jer. 4:19, 22:23, 46:11.

1 com. The vowel letter י is, contrary to the ordinary rule, § 11. 1. *a.*, omitted in four instances in the *K'thibh*, though it is supplied by the *K'ri*, אָזַלְהִי Ps. 140:13, Job 42:2, אָזַלְהִי 1 Kin. 8:48, אָזַלְהִי Ezek. 16:59.

PLUR. 3 com. The full ending הִי only occurs in אָזַלְהִי Deut. 8:3, 16 אָזַלְהִי Isa. 26:16, and אָזַלְהִי Isa. 29:21 from אָזַלְהִי, the restoration of the Hholem before the pause accent causing the rejection of the Kamets, which is a pretonic vowel and can only remain in the immediate vicinity of the accent; the form is thus sufficiently explained without the necessity of assuming it to be the future of a verb אָזַלְהִי which nowhere else occurs. An otiant א, § 16. 1, is twice added to this person, as is regularly the case in Arabic, אָזַלְהִי Josh. 10:24, אָזַלְהִי Isa. 28:12. The forms of similar appearance אָזַלְהִי Ps. 139:20, אָזַלְהִי Jer. 10:5, are in reality of different character as the א is in these a radical, whose vowel has been shifted to the preceding letter, § 57. 2. (3). The occasional omission of the vowel letter י from the *K'thibh*, e. g. אָזַלְהִי 1 Sam. 13:19, אָזַלְהִי Esth. 9:27, אָזַלְהִי Deut. 21:7, אָזַלְהִי Josh. 18:12, 14, 19 indicates a difference of reading. The words of the text are in the singular, and require the pointing אָזַלְהִי etc. אָזַלְהִי etc.; the *K'ri* has substituted אָזַלְהִי etc. אָזַלְהִי etc. for the sake of a more exact concord of the verbs with their subjects, § 48.

2 masc. and fem. There is no example of a verb middle *o* in the second person plural; the forms in the paradigm are inferred from analogy, to indicate which they are enclosed in parentheses. In אָזַלְהִי Am. 4:3, הִי is added to the *2 fem.* as to the corresponding pronoun.

§ 87. *INFINITIVE.* The Hholem of the construct is usually written without י, אָזַלְהִי Isa. 33:1, though not invariably, אָזַלְהִי and אָזַלְהִי, אָזַלְהִי and אָזַלְהִי, and before Makkeph is shortened to Kamets Hhatuph, § 64. 1. אָזַלְהִי Ezek. 21:26, 28, 34. The Hholem of the absolute infinitive is usually though

not invariably written with ו, e. g. בָּגִיד Isa. 48:8 but אָבִיב Lev. 15:24, and is immutable. The construct infinitive has Pattahh in place of Hholem in אָבִיב 1 Kin. 1:21 *et passim* and אָבִיב Eccles. 12:4. The feminine form of the construct infinitive occurs repeatedly in imperfect though it is of rare occurrence in perfect verbs, e. g. אָבִיבָה Deut. 11:22, 30:20, Josh. 22:5, אָבִיבָה, אָבִיבָה, אָבִיבָה, אָבִיבָה Jer. 31:12, אָבִיבָה Ezek. 16:5, אָבִיבָה Lev. 15:32. In Pe Yodh and Lamedh He verbs the feminine is the customary form.

§ 88. FUTURE. 3 *masc.* The Hholem is commonly written without Vav, though often with it אָבִיבָה, אָבִיבָה, אָבִיבָה, and before Makkeph is shortened to Kamets Hhathuph. § 64. 1. אָבִיבָה Isa. 32:1, the Vav being in such cases rejected by the K'ri if found in the K'thibh, e. g. אָבִיבָה Hos. 8:12; in אָבִיבָה Josh. 18:20 the Hholem remains. The vowel of the last syllable is rejected, as is the case throughout the paradigm, upon the reception of a vowel affix, § 66. 2. unless retained or restored by the pause accent, § 65. 2. אָבִיבָה Prov. 8:15, אָבִיבָה Jer. 10:12: twice, however, instead of rejection Hholem is changed to Shurek אָבִיבָה Ex. 18:26, אָבִיבָה Ruth 2:8. A like form appears in the K'thibh, Prov. 4:16 אָבִיבָה.

3 *fem.* The sign of the feminine is in two instances added both at the beginning and the end of the verb, viz.: אָבִיבָה Deut. 33:16, אָבִיבָה Job 22:21, paragogic ה, being appended to the former, § 97. 1, and a pronominal suffix to the latter. A like duplication of the sign of the second person feminine occurs in אָבִיבָה 1 Sam. 25:34 K'ri, where the K'thibh has the fuller ending אָבִיבָה.

2 *fem.* ו is sometimes added to the long vowel with which this person ends אָבִיבָה Ruth 2:8, אָבִיבָה Ruth 3:4, אָבִיבָה 1 Sam. 1:14. Occasionally the feminine ending is omitted and the masculine form used instead, e. g. אָבִיבָה Isa. 57:8.

1 *com.* אָבִיבָה Ps. 139:8, though by some grammarians referred to אָבִיבָה, is probably for אָבִיבָה from אָבִיבָה, the liquid ל being excluded, and Daghesheforte conservative inserted in the previous letter, § 53. 3.

PLUR. 2 *masc. and 3 masc.* The full plural termination הֵן is of more frequent occurrence here than in the preterite, the vowel of the second radical being either retained or rejected, אָבִיבָה Ruth 2:9, אָבִיבָה Josh. 24:15, אָבִיבָה Ex. 9:29, אָבִיבָה Josh. 4:6, אָבִיבָה Ps. 104:28, אָבִיבָה 1 Sam. 2:22, Josh. 2:8, אָבִיבָה Deut. 11:22, אָבִיבָה Jer. 21:3; so in other species, אָבִיבָה Job 19:23, אָבִיבָה Job 21:24, אָבִיבָה Gen. 32:20 and אָבִיבָה Ps. 58:2, אָבִיבָה 2 Kin. 6:19, אָבִיבָה Mic. 2:8, אָבִיבָה Job 9:6. It is chiefly found at the end of a clause or verse, the pausal emphasis delighting in lengthened forms, or before words beginning with a weak letter, to separate the final vowel more completely from that of the following initial syllable. In the judgment of Nordheimer אָבִיבָה Isa. 35:1 preserves this ending in a still older form: Ewald thinks the final ה has been assimilated to the initial ה of the following word, § 55. 1; in all probability, however, ה is here, as it usually is, the 3 plur. suffix, and it is

properly so rendered in the common English version *shall be glad for them*.

3 *fem.* In a very few cases the initial ׀ of the masculine form is retained, the distinction of gender being sufficiently marked by the termination ׀ִנָּה Dan. 8 : 22, ׀ִנָּה־גִּלְגָּלִים Gen. 30 : 38, ׀ִנָּה־רִשְׁרָעָה 1 Sam. 6 : 12; or, on the other hand, the termination ׀ of the masculine is retained, the gender being sufficiently indicated by the prefixed ה. ׀ִנָּה־הַבְּטָחָה Jer. 49 : 11, ׀ִנָּה־הַקְּרָבִי Ezek. 37 : 7; sometimes the gender is neglected entirely and the masculine form used for the feminine, e. g. ׀ִנָּה־הַרְקִיטִי Hos. 14 : 1. The assumption that the 3 *fem. plur.* is used for the 3 *fem. sing.* in ׀ִנָּה־הַקְּרָבִי Ex. 1 : 10, ׀ִנָּה־הַרְרָה Job 17 : 16, ׀ִנָּה־הַרְבִּיטִי Isa. 28 : 3, ׀ִנָּה־הַשְּׁבִיבָה Isa. 27 : 11, ׀ִנָּה־הַשְּׁלַחְתָּהּ Judg. 5 : 26, is unnecessary; in the first passage ׀ִנָּה־הַקְּרָבִי, the subject of the verb, is used in a collective sense, *wars shall occur*; the others are to be similarly explained with the exception of the last, where ׀ִנָּה may be the suffix with Nun epenthetic in place of the more usual form ׀ִנָּה־הַשְּׁלַחְתָּהּ *her hand—she puts it forth*. Comp. Obad. ver. 13.

2 and 3 *fem.* The vowel letter ה is occasionally in the Pentateuch, and more rarely in other books, omitted from the termination ׀ִנָּה, particularly when there are other vowel letters in the word, ׀ִנָּה־הַתְּהַיְוִהוּ Gen. 27 : 1, ׀ִנָּה־הַבְּאֵן Gen. 30 : 38, ׀ִנָּה־הַשְּׁוֹן Gen. 33 : 6, ׀ִנָּה־הַקְּרָבִי Ezek. 3 : 20, ׀ִנָּה־הַרְרָה nine times in the Pentateuch, three times in Ezekiel, and once in 1 Samuel.

When the root of the verb ends with ׀ this is united by DagHesh-forte with the affix ׀ִנָּה. ׀ִנָּה־הַשְּׁבִיבָה Ezek. 17 : 23, ׀ִנָּה־הַקְּרָבִי Ezek. 32 : 16, or without DagHesh, ׀ִנָּה־הַשְּׁבִיבָה Ruth 1 : 13, ׀ִנָּה־הַאֲמָרָה Isa. 60 : 4, ׀ִנָּה־הַרְבִּיטִי Ps. 71 : 23 in most editions. So in the *fem. plur. imperative*, ׀ִנָּה־הַאֲמָרָה Gen. 4 : 23.

§ 89. IMPERATIVE. *Sing. masc.* The Hholem of the last syllable, as in the future and infinitive construct, is mostly written without ׀, e. g. ׀ִנָּה־הַקְּרָבִי, yet not always, ׀ִנָּה־הַשְּׁבִיבָה and ׀ִנָּה־הַשְּׁוֹן; before Makkeph it is shortened to Kamets Hhatuph ׀ִנָּה־הַקְּרָבִי Judg. 9 : 14. It may perhaps be similarly shortened without Makkeph in ׀ִנָּה־הַקְּרָבִי Judg. 19 : 5, comp. ver. 8, § 19. 2. a, or the vowel may be Kamets lengthened from Pattahh by the accent, which does occur, though rarely, with conjunctives, § 65. 3. b.

Fem. sing. and masc. plur. The vowel of the first syllable is commonly Hhirik, but under the influence of the rejected Hholem it is occasionally Kamets Hhatuph, § 61. 1, ׀ִנָּה־הַקְּרָבִי Judg. 9 : 10, ׀ִנָּה־הַשְּׁבִיבָה Ezek. 32 : 20 (but ׀ִנָּה־הַשְּׁבִיבָה Ex. 12 : 21, for the Methegh see § 45. 2), ׀ִנָּה־הַשְּׁוֹן Zeph. 3 : 14, ׀ִנָּה־הַרְרָה Mic. 1 : 16, and (with ׀ retained in the K'thibh) ׀ִנָּה־הַקְּרָבִי 1 Sam. 28 : 8, Judg. 9 : 12. Upon the restoration of the original vowel by the pause accent, the vowel under the first radical is dropped as no longer necessary, ׀ִנָּה־הַשְּׁבִיבָה Zech. 7 : 9, ׀ִנָּה־הַרְרָה Nah. 2 : 9. When the third radical is an aspirate it rarely receives Dagesh-lene in this mood though preceded by Sh'va, § 22. a. (1); such cases as ׀ִנָּה־הַשְּׁבִיבָה Isa. 47 : 2, ׀ִנָּה־הַאֲמָרָה Jer. 10 : 17, are exceptional.

Fem. plur. The final vowel ה is dropped in ׀ִנָּה־הַקְּרָבִי Gen. 4 : 23. § 90; occasionally ה is not written though the vowel remains, ׀ִנָּה־הַשְּׁוֹן Ruth. 1 : 9.

§ 90. PARTICIPLES. *Active.* The Hholem of the first syllable is written differently with or without Vav. בִּינֵה and בִּינֶה, mostly without when additions are made to the word. In בִּינֵה־בְּיָמָיו Prov. 25: 19 Shurek is substituted for Hholem, unless, as Ewald suggests, it is a Pual participle with הָ omitted; or, as others propose, it is to be taken as an abstract noun. The Tsere of the second syllable is written without ם except בִּינֵה־כֶּ 2 Kin. 8: 21; it is shortened to Seghol in בִּינֵה־יְיָ Isa. 41: 7, upon the recession of the accent. בִּינֵה־יְיָ Ps. 16: 5 and בִּינֵה־יְיָ Isa. 29: 14, 38: 5, Eccles. 1: 18. have been improperly regarded as participles with Hhirik in place of Tsere. The former is the Hiph. fut. of the verb בִּינֵה, which is found in Arabic though it occurs only in this place in Hebrew, and means *thou wilt enlarge*; the latter is the ordinary Hiphil future of בִּינֵה, and the construction is elliptical, *I (am he who) will add*, see Dr. Alexander's Commentaries. Participles are rarely formed from neuter verbs, yet בִּינֵה *fading*, בִּינֵה *desolate*, verbal adjectives of the same form with the preterites middle ם and ם being mostly used instead, בִּינֵה *full*, בִּינֵה *old*, בִּינֵה *afraid*.

Passive. This, in the few cases in which it is in use in intransitive verbs, has the sense of the active, בִּינֵה and בִּינֵה *wearing*. בִּינֵה and בִּינֵה *dwelling*, בִּינֵה *trusting*; there are occasional instances of the same thing in transitive verbs, בִּינֵה *remembering*, בִּינֵה *holding*. The last vowel is with few exceptions as בִּינֵה Deut. 32: 34, בִּינֵה, בִּינֵה written with Vav.

There are a very few instances in which participles appear to be inflected in the different persons by means of the terminations proper to the preterite. This, although common in Chaldee and Syriac, occurs in Hebrew only in the following examples:

2 *fem. sing.* בִּינֵה־יְיָ Gen. 16: 11. Judg. 13: 5. 7; and with the fuller ending בִּינֵה־יְיָ, בִּינֵה־יְיָ Jer. 22: 23, בִּינֵה־יְיָ Jer. 51: 13. The punctuators must have regarded these terminations as personal inflections, because the simple form of the feminine participle and that which it always has when joined with a noun of the third person, is בִּינֵה־יְיָ Gen. 17: 19, and with ם paragogic in the K'thibh בִּינֵה־יְיָ Ezek. 27: 3.

2 *masc. plur.* בִּינֵה־יְיָ Ezek. 8: 16. the Hithpael participle of בִּינֵה. There is, it is true, an abruptness and difficulty in the construction, *they, ye were worshipping*, which can only be explained upon the assumption that after describing these bold transgressors in the third person, Ezekiel turns to them and directly addresses them in the second, or that his meaning is, not only they but ye too (the people) were worshipping in these your representatives. But in view of the frequent and sudden changes of person found in the prophets, and the unusual forms and bold constructions which abound in Ezekiel, almost any explanation seems preferable to an unauthorized change of the text, with most modern interpreters, to the ordinary plural בִּינֵה־יְיָ which is contained in a very few manuscripts, but not enough to overcome the presumption in favor of the more difficult reading; or the supposition of a mongrel word compounded of the two roots בִּינֵה *to worship*, and בִּינֵה *to corrupt*, in order to suggest the idea of a corrupt or corrupting service.

3 plur. : מְקַלְלֵי־יָמַי they are cursing me, Jer. 15 : 10. Kimchi explains this word as a compound of the roots קָלַל to curse, and הָלַל to treat as vile; Gesenius, as a confusing of two distinct readings, the participle מְקַלְלֵי and the preterite קָלַלְתִּי ; and Ewald changes the text to מְקַלְלֵי־יָמַי , though his conjecture is unsustained by a single manuscript, and Nun epenthetic never occurs with participles. The suggestion is here offered that the letters of the word may be regarded as the plural of the participle inflected after the manner of the preterite, with the added suffix, so that the proper pointing would be מְקַלְלֵי־יָמַי ; the punctuators, however, have sought here, as not infrequently elsewhere, § 48. to establish a more exact agreement between the participle and its subject יָמַי by pointing the former as a singular, whereupon the Vav must be looked upon as epenthetic or superfluous, : מְקַלְלֵי־יָמַי as if for מְקַלְלֵי־יָמַי . In fact, a few manuscripts omit the Vav, while others remark that it is superfluous; the weight of authority is certainly in favor of retaining it, though the other reading may be accepted as an explanatory gloss.

NIPHAL.

§ 91. a. PRETERITE SING. 3 masc. Some copies have נִגְזַע Jer. 50 : 23 with Seghol under the prefixed Nun for נִגְזַע .

b. INFINITIVE. The following may be mentioned as examples of the shorter form of the absolute נִבְחַשׁ Gen. 31 : 30, נִקְחָה Judg. 11 : 25. נִגְזַע 1 Sam. 2 : 27, נִקְחָה 2 Sam. 1 : 6; of the longer form given in the paradigm הִקְחָהוּ Jer. 32 : 4, which once appears with prosthetic א in place of ה Ezek. 14 : 3 אֶהְיֶה־אָא , § 53. 1. a. The construct infinitive usually has Tseré הִקְחָהוּ Ezek. 16 : 36, but is in one instance הִקְחָהוּ Ps. 68 : 3. formed as in Kal by rejecting the pretonic Kamets from the absolute. There are a few examples of the construct form used for the absolute הִקְחָהוּ 1 Kin. 20 : 39, הִשְׁמַרְךָ Deut. 4 : 26. The prosthetic ה is commonly retained after prefixed prepositions לְהִקְחָהוּ which are less closely connected with the word than the formative prefixes of the future; it is, however, rejected in בְּהִשְׁמַרְךָ Prov. 24 : 17, comp. בְּהִשְׁמַרְךָ Dan. 11 : 34. The Tseré of the last syllable of the construct infinitive, as well as of the future and imperative which are formed from it, is shortened to Seghol upon losing its accent, הִקְחָהוּ Job 34 : 22, הִקְחָהוּ Judg. 9 : 38, הִקְחָהוּ Eccles. 7 : 26. rarely to Pattahh, הִקְחָהוּ Job 18 : 4. In the Imperative the form with Seghol is the usual one, that with Tseré only occurring in Isa. 7 : 4. The pretonic Kamets of this species is singular in not being liable to rejection on the shifting of the tone, e. g. הִקְחָהוּ Ezek. 21 : 29, הִקְחָהוּ Ps. 37 : 9.

c. FUTURE SING. 1 com. The prefixed א occasionally has Hhirik, אֶהְיֶה־אָא Ezek. 20 : 36, 1 Sam. 12 : 7, אֶהְיֶה־אָא Ezek. 14 : 3, אֶהְיֶה־אָא Ex. 14 : 4, 17.

PLUR. fem. Tseré rarely remains in the second syllable הִקְחָהוּ Ruth 1 : 13. being, as in the Piel preterite, commonly changed to Pattahh before the concurring consonants. הִקְחָהוּ Jer. 24 : 2. so with a pause accent, הִקְחָהוּ Isa. 13 : 16 K'ri. Zech. 14 : 2 K'ri, הִקְחָהוּ Isa. 28 : 3; the first, as the original form, is, however, placed in the paradigm.

d. IMPERATIVE. Ewald regards נִקְבְּצֵי Isa. 43:9, Joel 4:11, נִלְוֵו Jer. 50:5, as imperatives without the usual ה prosthetic; but this assumption is needless, for they can readily be explained as preterites.

e. PARTICIPLE. In 1 Sam. 15:9 נִמְדָּה *contemptible*, is in form a Niph'al participle from the noun מְדָה *contempt*.

PIEL.

§ 92. *a.* The intensive species is usually formed by doubling the second radical; in נִלְלַל Ezek. 28:23, and the passive form אֲנִלְלַל the third radical is doubled instead, an expedient resorted to repeatedly in Ayin Vav verbs and occasionally in Ayin guttural. In אֲנִלְלַל Ps. 88:17 both radicals are doubled; the entire second syllable is repeated in אֲנִלְלַל Ps. 38:11, אֲנִלְלַל Lam. 2:11, 1:20 a passive form, as shown by the Hhateph-Kamets, § 82. 5. *b* (3), and in אֲנִלְלַל Hos. 4:18, provided this is to be read as one word, § 43. *b*; if, according to the division in the Masoretic text, אֲנִלְ is a separate word, it is the imperative of אֲנִלְ to give, though this is always elsewhere pointed אֲנִלְ. In אֲנִלְ Ps. 45:3, the first syllable is repeated, the ם under the first letter indicating it to be a passive form.

b. Intensity may likewise be denoted without a reduplication by inserting the long vowel Hholem in the first syllable of the root. This is often done in Ayin doubled verbs, but only in the following instances in others, *pret.* אֲנִלְ 1 Sam. 21:3, אֲנִלְ Isa. 40:24, אֲנִלְ Ps. 77:18, אֲנִלְ Isa. 10:13 *fut.* אֲנִלְ Hos. 13:3. *inf. abs.* אֲנִלְ and אֲנִלְ Isa. 59:13. *inf. const.* אֲנִלְ Am. 5:11, *part.* אֲנִלְ Job 9:15. מְלִישָׁנִי Ps. 101:5 K'thibh. These are called Poel forms by many grammarians, and those in the preceding paragraph Piel, Pulal, Pealal, etc. They are in reality, however, only modified forms of the Piel, whose signification they share.

c. PRETERITE SING. 3 masc. The original Pattahh of the first syllable § 82. 5. *b* (3) is preserved in אֲנִלְ Gen. 41:51. The second syllable has Seghol in אֲנִלְ (in pause אֲנִלְ), אֲנִלְ (twice אֲנִלְ), Pattahh in אֲנִלְ (אֲנִלְ in pause), אֲנִלְ, אֲנִלְ (in pause: אֲנִלְ Isa. 19:21), and before Makkeph in אֲנִלְ (אֲנִלְ in pause); *a* appears likewise in the pausal form אֲנִלְ Mic. 1:7. The Tsere is always retained in the infinitive construct and future, and with the exception of אֲנִלְ Ps. 55:10, in the imperative; though throughout the species it is shortened to Seghol upon losing the accent, אֲנִלְ Deut. 30:3, אֲנִלְ Ex. 13:2, אֲנִלְ Deut. 7:10.

d. INFINITIVE. The primitive form of the infinitive absolute is of rare occurrence, e. g. אֲנִלְ 1 Kin. 18:18, אֲנִלְ 1 Kin. 19:10, אֲנִלְ Ex. 21:19, אֲנִלְ Josh. 24:10. Most commonly it has Tsere in the second syllable like the infinitive construct, אֲנִלְ Jer. 12:17, אֲנִלְ Jer. 32:33, אֲנִלְ Jer. 39:18, אֲנִלְ Mic. 2:12, אֲנִלְ Ex. 21:36; and in one instance it has Hhirik in the first syllable like the preterite אֲנִלְ 2 Sam. 12:14. There is no need of assuming a similar form for the infinitive construct in אֲנִלְ Lev. 14:43, which can readily be explained as a preterite. Tsere of the construct is shortened to Seghol before Makkeph, אֲנִלְ Isa. 59:13, or on the recession of the

accent, פָּתַחַ Gen. 39: 14, 17, and in one instance besides, מָלַחַ Judg. 5: 8. There are a few examples of the construct infinitive with a feminine termination. מָלַחַ Lev. 26: 18, וָמַחַ Ps. 147: 1, מָלַחַ Isa. 6: 13, מָלַחַ Ezek. 16: 52.

e. FUTURE SING. 1 com. א is commonly prefixed with Hhateph-Pattahh; it has, however, the diphthongal Hhateph-Seghol in מָלַחַ Lev. 26: 33, § 60. 3. b, and draws to itself the full vowel which has hence arisen to a preceding ו, in מָלַחַ Zech. 7: 14 for מָלַחַ, § 60. 3. c.

PLUR. 2 and 3 fem. Tsere under the second radical is sometimes changed to Pattahh. though not with the same frequency as in the Niphal, מָלַחַ Isa. 13: 18, but מָלַחַ Job 27: 4, and in pause Prov. 24: 2.

PUAL.

§ 93. a. Of the vowels proper to the first syllable of the passive, § 82. 5. b (3). Pual ordinarily has *ū*, which is preferred before a doubled consonant מָלַחַ, § 61. 5, and Hophal *ō* before concurrent consonants מָלַחַ. This distinction is not steadfastly adhered to, however, and Pual occasionally appears with Kamets Hhatuph, מָלַחַ Ezek. 16: 4, מָלַחַ Nah. 3: 7, מָלַחַ Ps. 72: 20, מָלַחַ Ps. 80: 11, Prov. 24: 31, מָלַחַ Ps. 94: 20, מָלַחַ *passim*. This seems to furnish the best explanation of the disputed words מָלַחַ or מָלַחַ Ps. 62: 4, מָלַחַ Ps. 101: 5 K'ri, מָלַחַ Job 20: 26. Gesenius regards these as Piel forms with (.) lengthened to (.) on the omission of Daghes' forte, § 59. a; but the absence of Methegh, which Gesenius inserts without authority, shows the vowel to be *ō* not *ū*. Others think that מָלַחַ is the Kal future for מָלַחַ, the vowel being attracted to the guttural from the previous letter, § 60. 3. c. There is no difficulty, however, in regarding them all as Pual forms, and translating severally *may you be slain, armed with the tongue* (of a slanderer), *shall be made to consume him*. In Ps. 62: 4 the reading of Ben Naphtali מָלַחַ is probably to be preferred to that of Ben Asher, which is found in the common text; the former is a Piel and has an active sense: (how long) *will ye slay or murder?* See Alexander and Delitzsch, *in loc*.

b. The vowel *ū* of the first syllable is occasionally written with Vav, מָלַחַ Ezek. 16: 34, מָלַחַ Ps. 78: 63, מָלַחַ Judg. 18: 29, 13: 8, Job 5: 7, מָלַחַ Ezek. 27: 19, but mostly without it.

c. PRETERITE SING. 3 masc. An instance of paragogic ה, appended to the preterite is found in מָלַחַ Ezek. 31: 15.

d. INFINITIVE. The absolute form occurs in מָלַחַ Gen. 40: 15; there is no example of the construct.

e. PARTICIPLE. As מָלַחַ, מָלַחַ, מָלַחַ; in a few instances the initial *m* is omitted. מָלַחַ 2 Kin. 2: 10 for מָלַחַ, מָלַחַ (with Daghesh-forte euphonic) Ezek. 21: 15, 16, מָלַחַ Eccles. 9: 12 for מָלַחַ, § 59. a. Some of the forms in which this has been alleged, may however be better explained as preterites.

HIPHIL.

§94. *a. PRETERITE.* The first vowel is usually Hhirik but occasionally Seghol, e. g. הִקְדִּימְתָּ 1 Sam. 25:7, particularly in Pe guttural and a few Lamedh He verbs. Once אֶנְאָלְתִּירִי Isa. 63:3; in Isa. 19:6 הִאֲזִינִי הוּא is not a double Hiphil with both א and ה prefixed, but is a denominative from אָזַן , a derivative of זָנַח , which does not indeed occur in its simple form but is justified by the analogy of אָזַן from זָנַח . ה takes the place of ה in הִקְדִּימְתָּ Hos. 11:3; so likewise the future הִקְדִּימְתָּ Jer. 12:5, and participle מְקַדְּמִיתָ Jer. 22:15, though the corresponding preterite is הִקְדִּימְתָּ Neh. 3:20.

SING. 3 masc. The \bar{i} of the second syllable is almost always written with Yodh, rarely without it, e. g. הִקְדִּימְתָּ 1 Sam. 12:24, but in every other place הִקְדִּימְתָּ . So in the participle מְקַדְּמִיתָ Job 11:3 but מְקַדְּמִיתָ Judg. 18:7.

b. INFINITIVE. Absolute. The Tsere of the second syllable which before Makkeph is shortened to Seghol הִבְרַר Prov. 24:23, 28:21, is mostly written without י , thus הִבְרַר , הִקְדִּימְתָּ , הִקְדִּימְתָּ , הִקְדִּימְתָּ , הִקְדִּימְתָּ , הִקְדִּימְתָּ , though sometimes with it הִקְדִּימְתָּ Am. 9:8 but הִקְדִּימְתָּ Isa. 14:23, הִקְדִּימְתָּ and הִקְדִּימְתָּ , twice הִקְדִּימְתָּ , nine times הִקְדִּימְתָּ . Hhirik in this syllable is rare and exceptional, הִקְדִּימְתָּ Ezek. 21:31, הִקְדִּימְתָּ Josh. 7:7. א is prefixed instead of ה in אֶשְׁבִּיבִים Jer. 25:3 and אֶבְרָחָה Gen. 41:43, provided the latter is a Hebrew and not a Coptic word.

Construct. The second vowel is commonly Hhirik written with י , הִקְדִּימְתָּ rarely and as an exception without י , לִשְׁמֵר Isa. 23:11, or with Tsere הִקְדִּימְתָּ Deut. 32:8, לִקְדִּימְתָּ Deut. 26:12, Neh. 10:39, לִקְדִּימְתָּ Dan. 11:35. In a few instances the first vowel is Hhirik as in the preterite הִקְדִּימְתָּ Deut. 7:24, 28:48, Josh. 11:14, 1 Kin. 15:29, הִקְדִּימְתָּ Jer. 50:34, הִקְדִּימְתָּ Jer. 51:33, הִקְדִּימְתָּ Lev. 14:43. The initial ה is mostly retained after prefixed prepositions, though it is sometimes rejected, as לִשְׁבִּיבִים Am. 8:4 but לִהִקְדִּימְתָּ Ps. 8:3, לִשְׁמֵר once but לִהִקְדִּימְתָּ fifteen times.

c. FUTURE PLUR. In a very few instances Hhirik is rejected upon the addition of the masculine plural termination וּלְקִימְתָּ 1 Sam. 14:22, 31:2, וּלְקִימְתָּ Jer. 9:2. There is no example of this without the presence of Vav conversive unless it be וּלְקִימְתָּ Job 19:3, which may be regarded as Kal.

d. IMPERATIVE SING. masc. The second syllable usually has Tsere without Yodh הִקְדִּימְתָּ , and before Makkeph, Seghol הִקְדִּימְתָּ Job 22:21, הִקְדִּימְתָּ 1 Sam. 23:11, הִקְדִּימְתָּ Isa. 64:8. There are a very few examples with Hhirik in pause, הִקְדִּימְתָּ Ps. 94:1, to which some would add הִקְדִּימְתָּ Isa. 43:8, but see Alexander, הִקְדִּימְתָּ Prov. 19:25, הִקְדִּימְתָּ Jer. 17:18.

e. PARTICIPLE. In מְקַדְּמִיתָ Ps. 135:7, Tsere is taken in place of Hhirik upon the recession of the accent; מְקַדְּמִיתָ Isa. 53:3 is not a participle but a noun, Alexander *in loc.* Hhirik is, in a few exceptional cases occurring in

the later books, rejected in the plural. מְהַלְכִים Zech. 3:7 for מְהַלְכִים, מְהַלְמִים Jer. 29:8, מְהַלְמִים 2 Chron. 28:23, מְהַלְמִים 1 Chron. 15:24 K'ri, 2 Chron. 7:6 K'ri. Comp. Chald. מְהַלְכִין Dan. 3:25.

HOPHAL.

§ 95. *a.* The first vowel, though mostly Kamets Hhatuph הֶהָלַמוּ, הֶהָלַחַהּ, is occasionally Kibbuts, both vowels even appearing in the same verb. הֶהָלַחַב Ezek. 32:32, הֶהָלַחַבְתָּ ver. 19, מִשְׁכַּב 2 Kin. 4:32; הֶהָלַחַהּ Dan. 8:11, הֶהָלַחַח Isa. 14:19, הֶהָלַחַח Ezek. 16:5, הֶהָלַחַח 2 Sam. 20:21; הֶהָלַחַח Lev. 6:15, הֶהָלַחַח Mal. 1:11, הֶהָלַחַח, מִשְׁכַּלְתִּים; מִשְׁכַּלְתִּים, מִשְׁכַּלְתִּים, מִשְׁכַּלְתִּים, מִשְׁכַּלְתִּים Ezek. 29:18.

b. PRETERITE. In הֶהָלַחְתִּי *am I obliged to leave?* Judg. 9:9, 11. 13, the characteristic הֶ is rejected after הֶ interrogative.

c. INFINITIVE. The absolute has Tsere in the second syllable, הֶהָלַחַח Ezek. 16:4, הֶהָלַחַח Josh. 9:24. The construct has Pattahh, הֶהָלַחַח Ezr. 3:11.

d. IMPERATIVE. This mood occurs twice, הֶהָלַחַח Ezek. 32:19, הֶהָלַחַח Jer. 49:8.

e. PARTICIPLE. In מְהַלְכִיֹּת Ezek. 46:22 הֶ remains after the preformative מֶ.

HITHPAEL.

§ 96. *a.* PRETERITE. In two instances הֶ is prefixed instead of הֶהָ, viz., הֶהָלַחַח 2 Chron. 20:35, הֶהָלַחַח Ps. 76:6. In the verb הֶהָלַחַח Daghesh-forte is omitted in the second radical and the previous vowel lengthened, § 59. *a.* הֶהָלַחַח, הֶהָלַחַח Judg. 20:15, 17, הֶהָלַחַח Judg. 21:9, in addition to which the vowel of the prefixed syllable is *o* in הֶהָלַחַח Num. 1:47, 2:33, 26:62, 1 Kin. 20:27. In three verbs upon the assimilation of הֶ to the first radical, the prefix takes *u*. § 61. 5, הֶהָלַחַח (the accentuation is unusual) Isa. 34:6, הֶהָלַחַח Deut. 24:4 (but in the future always הֶהָלַחַח Lev. 21:1 and repeatedly elsewhere), הֶהָלַחַח (*inf. const.*) Lev. 13:55, 56. These are sometimes called Hothpaal and regarded as passives of Hithpael. Where both forms exist in the same verb, however, as in הֶהָלַחַח and הֶהָלַחַח, there appears to be no distinction in their meaning; they seem rather to have arisen from a disposition to give to the Hithpael, where it has a passive signification, § 80. 2, the vowels of a proper passive species, § 82. 5. *b* (3). In הֶהָלַחַח Jer. 25:16, הֶהָלַחַח Jer. 46:8 (elsewhere הֶהָלַחַח), and הֶהָלַחַח Isa. 52:5, *o* prolonged from *u*, on account of the absence of Daghesh-forte, is for a like reason given to the first radical.

b. The last vowel of the preterite, infinitive construct, future, imperative and participle, is Tsere written without Yodh, הֶהָלַחַח, הֶהָלַחַח, הֶהָלַחַח, הֶהָלַחַח, הֶהָלַחַח, which before Makkeph is shortened to Seghol, הֶהָלַחַח Isa. 30:29, הֶהָלַחַח Gen. 6:9, הֶהָלַחַח Job 6:16. Frequently, however, Pattahh is used, or, with a pause accent, Kamets, הֶהָלַחַח *pret.*, הֶהָלַחַח *pret.* and *imper.* (but *inf. const.* and *part.*

thou mayest understand or *understand thou*, Dan. 9 : 25, **לֹא-יִשְׁרָטוּ-לְךָ** *may it not* or *let it not rule*, Ps. 119 : 133. In some classes of imperfect verbs, as in the Ayin-Vav and particularly the Lamedh-He, it is used in other species still.

a. The only instances of the abbreviated future occurring in the first person are **קִיִּי** Isa. 42:6 and **אֵי-נִי** Isa. 41:23 K'thikh, where the K'ri has **הִנֵּה אֲנִי**.

b. The paragogic and apocopated futures may be regarded as mutually supplementary, and as forming together something like a complete Optative or Subjunctive mood. The apocopated future has, it is true, no separate form for the *second fem. sing.* or the *second and third pers. plur.*, in which the verb has terminal inflections, but it may be regarded as coinciding in these with the ordinary future, except that it never has the final **י**. So in those species in which it is indistinguishable from the ordinary future, it may yet be regarded as included under it. Neither the apocopated nor the paragogic futures occur in the strictly passive species, viz., the Pual and Hophal, self-determination and command both implying that the subject is the originator of the action. The more flexible Arabic has three varieties of the future in addition to the ordinary one, to express as many modifications or moods.

c. The apocopated future derives its name from the apocope of the final letter by which it is characterized in **לֵי** verbs; the brevity of its form is adapted to the energy and rapid utterance of a command. On the other hand, the speaker dwells upon the word expressive of his own desire or determination, thus giving rise to the prolonged form of the paragogic future. The appended **ה**, may perhaps be identical with a like termination added to nouns to indicate motion or direction, denoting as it does the direction of the speaker's will or wishes towards that which the verb expresses.

§ 98. 1. Paragogic **ה**, is sometimes appended to the masculine singular of the imperative, softening the command into an earnest entreaty or expression of strong desire, **שְׁמַע** *hear* (thou), **שְׁמָעָה** *oh, hear!* or *pray, hear!* **הִשְׁמַע** *listen*, **הִשְׁמָעָה** *pray, listen!* The addition of this vowel to the imperative and to the future causes, as in the regular inflections of the paradigm, § 85. 2. *a.* (2), the rejection of the vowel of the ultimate syllable, except in the Hiphil where **י** remains in the future and is restored in the imperative. In the Kal imperative this rejection occasions the concurrence of two vowelless consonants, the first of which must accordingly take a short vowel, § 61. 1; if the rejected vowel was Hho-

lem this will be Kamets-Hhatuph, otherwise it will be the briefest of the vowels, Hhnik, קָזַב, קָזְבָּה Jer. 49 : 11 ; קָזַר, קָזַרְהָ 2 Chron. 6 : 42, קָשַׁב, קָשְׁבָה Gen. 39 : 7. 12.

a. In a few instances the vowel-letter remains in the K'thibh though invariably thrown out in the K'ri, e. g., צָרַיְבָה K'thibh, צָרָה K'ri Ps. 26 : 2. מְלוֹכָה K'thibh, מְלֹכָה K'ri Judg. 9 : 8 ; וְאִשְׁקֹלָה K'thibh, וְאִשְׁקָלָה K'ri Ezr. 8 : 25 ; אִשְׁקֹבָה K'thibh, אִשְׁקָבָה K'ri Isa. 18 : 4. This may not indicate, however, the retention of the full vowel but only of an audible remnant of it, § 13. *a.* which is likewise attested by the occasional appearance of Hhateph Kamets, אִשְׁקָהָ 1 Kin. 19 : 20, נִשְׁקָהָ Dan. 8 : 13 (in some copies) or Hhateph Pattahh אִשְׁקָהָ Ezr. 8 : 26, Jer. 32 : 9, and by the fact that the resulting Shi'va, even when simple, is always vocal, § 22. *a* (1). Occasionally Kamets-Hhatuph is found in the paragogic imperative when the vowel of the ordinary imperative is Pattahh ; thus, קָבַלְהָ Lev. 9 : 7, קָבַלְהָ Ps. 69 : 19, and on the contrary, קָבַלְהָ Gen. 25 : 31, *ful.* קָבַלְהָ Ex. 21 : 7, קָבַלְהָ (with Daghesh separative) Ps. 141 : 3.

2. As the imperative is itself a shortened form there is little room for further abbreviation ; it sometimes, however, suffers apocopation of the final ה, of the feminine plural, שְׁמַעְנָה Gen. 4 : 23 for שְׁמַעְנָה, § 61. 2, קְרָאָה Ex. 2 : 20 for קְרָאָה, § 60. 3. *c.* and in Lamedh He verbs of final ה, of the masculine singular, הִדְהָ 2 Kin. 6 : 18 for הִדְהָ Ezek. 6 : 11, גָּלְהָ Ps. 119 : 18 for גָּלְהָ ; הִרְהָ Deut. 9 : 14 for הִרְהָ Judg. 11 : 37, but without any evident change of meaning.

VAV CONVERSIVE.

§ 99. 1. The primary tenses are supplemented by two others, formed in a peculiar manner by what is called Vav Conversive (וְהִפְיֵיבָה). This prefix has the remarkable effect, from which its name is derived, of converting the ordinary future into a preterite and the ordinary preterite into a future. The following appear to be the reasons of this singular phenomenon. Past and future are relative and depend for their signification in any given case upon the point of time from which they are reckoned. This may be the moment of speaking, when all anterior to that moment will be past, and all

posterior to it future. Or by some conventional method understood between the speaker and his hearers, an ideal present may be fixed distinct from the real present and the measurements of past and future made from the former. Now Vav Conversive placed before a future indicates that its tense is to be reckoned not from the actual present but from the time denoted by some previous word, whether verb, noun, or adverb. And when the stand-point is thus taken in the past, events may be described as future with reference to it, though they have actually taken place at the time of narration. Vav is properly the copula *and*; when this is prefixed to the future for the purpose already designated, it is followed by Pattahh and Daghesh-forte, which give to it the force of *and then*, or *and so*, indicating that what follows is the sequel of what precedes. Consequently a narration begun in the preterite may be continued in the future with Vav Conversive, the opening words fixing the initial point from which all that come after proceed in regular succession; and the future so employed is converted into what may be called a continuative preterite. Thus, in the account of the creation in Gen. 1, the original condition of things is described in the preterite, ver. 2, *the earth was* אֶרֶץ תֵּהוֹמָה *without form and void*. The subsequent scene is then surveyed from this point. The next statement is accordingly made by a future with Vav Conversive, ver. 3, וַיֹּאמֶר *and God said*, in its primitive import, *and then God says* or *will say*, his speaking being future to the state of things previously described. This fixes a new stand-point from which the next step in the process is a fresh advance; it is hence followed by another future with Vav Conversive, ver. 4, וַיַּרְא *and he saw*; and so on, וַיִּבְרָא *and he divided*, ver. 5, וַיִּקְרָא *and he called*, etc.

a. The nature of this prefix would be more precisely expressed perhaps by calling it Vav Consecutive, as Ewald and others propose. But as Vav Conversive is the name in common use, and as this sufficiently characterizes its most striking effect, it is here retained. There have been various con-

jectures respecting its origin. In the judgment of some ו is an abbreviation of the verb וָהָיָה *was*, hence וְהִיאָרָא *he was* or *it was* (so that) *he will say* i. e. *he was about to say* or *was saying*, which is then likened to the Arabic combination of the preterite of the substantive verb with the future tense to express past action; but ו evidently has the sense of the conjunction *and*, וְהִיאָרָא does not mean *he said*, but *and he said*. Others regard it as an abbreviation of וָהָיָה *and he was*; Ewald of וְהִיאָרָא *and then*. Rödiger thinks that the vowel has no inherent significance, but is attached to the conjunction on account of the emphasis of its peculiar use. Perhaps the best suggestion is that of Schultens. *Instit.* p. 424. that וְהִיאָרָא may be for וְהִיאָרָא, by § 53. 3; ה prefixed to a noun is the definite article, and points it out as one previously known; its use in this particular case is to define the time of the action of the verb before which it stands by pointing it out as known from what preceded. The vowel of this prefix is upon this hypothesis analogous both in its origin and its effects to the augment ε in Greek, or α in Sanskrit, by which a preterite is formed from a present or a future, τίπτω, ἔτυπτον; τίψω, ἔτυψα, and which is traced by Bopp to a pronominal root having a demonstrative sense, *Vergleichende Grammatik* pp. 786 ff. The fact that the Samaritan Pentateuch sometimes substitutes ה for ו conversive might seem to lend confirmation to this theory of its derivation. But as ה stands with equal frequency for ו copulative, and ו for the article ה, it is probable that these commutations are to be classed with the other numerous inaccuracies of this edition.

2. This employment of Vav Conversive to alter the meaning of the tenses by transporting the mind of the hearer or reader to an ideal present in the past or future is one of the most remarkable idioms of the Hebrew language, and one which may appear to be extremely arbitrary, as it certainly is in some of its applications, at least, quite difficult of conception and foreign to our habits of thought. It nevertheless imparts a beauty and a vividness to Hebrew description which are altogether peculiar and which are incapable of being adequately transferred to any other language. The narrator lives in the midst of that which he records, and watches its progress step by step telling what he sees. This peculiarity of the Hebrew tenses may perhaps be illustrated by an analogous though far more restricted usage in English, by which certain tenses may be transferred to another sphere than that which they describe if measured from the time of narration, without any confusion or liability to mistake resulting from it. Thus, the present may be used of past

וַאֲתָנִי or וַאֲתָנִי, though it sometimes suffers apocopation in ל"ה verbs אֲתָנִי, וַאֲתָנִי. The prolonged plural ending וַי is very rarely used after Vav Consecutive; it does, however, occur, e. g. וַיִּתְּנֵנִי דֵּעַ דֵּעַ Deut. 1:22, וַיִּתְּנֵנִי Deut. 4:11, וַיִּתְּנֵנִי Judg. 11:18.

b. In a very few instances Vav Consecutive takes Pattahh before א, its vowel being conformed to the compound Sh'va, which follows, e. g. וַיִּשְׁמַעְתִּי Judg. 6:9, וַיִּשְׁמַעְתִּי 2 Sam. 1:10, וַיִּשְׁמַעְתִּי Ezek. 16:10 but וַיִּשְׁמַעְתִּי ver. 8, וַיִּשְׁמַעְתִּי Job 30:26, וַיִּשְׁמַעְתִּי Ps. 73:16.

§ 100. 1. Vav Consecutive prefixed to the preterite makes of it a continuative future or imperative, by connecting with it the idea of futurity or command expressed in a preceding verb. It is properly the conjunction וַ and, whose pointing it takes, its peculiar force being derived from its connecting power. Accordingly, in speaking of coming events, the stand-point is first fixed in the future by the opening words, and the description is then continued by the preterite with Vav Consecutive. Thus, in Samuel's recital, 1 Sam. 10:1-8, of what was to happen to Saul, he first refers the whole to the future by the word, ver. 2, וַעַתָּה בְּלִקְחֶיךָ *upon thy departing*, and then proceeds with preterites with Vav prefixed, וַיִּמְצָאֲתָ *thou shalt find*, וַאֲמָרוּ *and they shall say*, ver. 3, וַהֲלַפְתָּ *and thou shalt pass on*, etc. etc. In like manner injunctions begun in the imperative are continued in the preterite with Vav Consecutive. Thus the Lord directed Elijah, 1 Kin. 17:3 הֲלֵךְ (imper.) *go*, וּפְּרֹאֲרֵה (pret.) *and turn*, וְנִסְתָּרְתָּ (pret.) *and hide*, וְהָיָה (pret.) *and it shall be*.

2. This prefix commonly has the effect of removing the accent to the ultimate in those forms in which it ordinarily stands upon the penult; and if the penult be a long mixed syllable, as in the Kal preterite of verbs with Hholem, it will in consequence be shortened, וַהֲלַפְתָּ, וַהֲלַפְתָּ.

a. The shifting of the accent, which served in some measure to indicate to the ear the alteration in the sense, takes place chiefly in the following cases, viz.:

(1) It occurs with great regularity in the first and second persons singular of every species, וַהֲלַפְתָּ *thou hast gone*, וַהֲלַפְתָּ *and thou shalt go*, וַהֲלַפְתָּ *and I will go*, so וַהֲלַפְתָּ, וַהֲלַפְתָּ, וַהֲלַפְתָּ, though וַהֲלַפְתָּ Zeph. 1:17, except in ל"ה and ל"ה verbs, where the accent usually re-

mains in its original position although the usage is not uniform, וַיִּזְכֹּרְתִי Lev. 26 : 9, וַיִּזְכֹּרְתֶּנּוּ 1 Kin. 18 : 12, וַיִּזְכֹּרְתֶּנּוּ 1 Chron. 4 : 10, וַיִּזְכֹּרְתֶּנּוּ 1 Sam. 15 : 30, וַיִּזְכֹּרְתִי Isa. 8 : 17 but וַיִּזְכֹּרְתֶּנּוּ Lev. 24 : 5, וַיִּזְכֹּרְתֶּנּוּ Gen. 6 : 18, וַיִּזְכֹּרְתֶּנּוּ Lev. 26 : 9, וַיִּזְכֹּרְתֶּנּוּ Ex. 26 : 33. In the first person plural of all verbs the accent generally remains upon the penult, וַיִּזְכֹּרְתֶּנּוּ Ex. 8 : 23, וַיִּזְכֹּרְתֶּנּוּ Gen. 34 : 17.

(2) It occurs, though less constantly, in the third feminine singular and third plural of the Hiphil of perfect verbs, and of the various species of Ayin-Vav and Ayin-doubled verbs, וַיִּזְכֹּרְתֶּנּוּ Ex. 26 : 33, וַיִּזְכֹּרְתֶּנּוּ Lev. 15 : 29, וַיִּזְכֹּרְתֶּנּוּ Isa. 11 : 2, וַיִּזְכֹּרְתֶּנּוּ Hab. 1 : 8 but וַיִּזְכֹּרְתֶּנּוּ Ezek. 43 : 24, וַיִּזְכֹּרְתֶּנּוּ Hab. 1 : 8.

VERBS WITH SUFFIXES.

§ 101. Pronouns are frequently suffixed to the verbs of which they are the object. The forms of the suffixes have already been given § 72. It only remains to consider the changes resulting from their combination with the various parts of the verb.

1. The personal terminations of the verbs undergo the following changes :

Preterite.

SING. 3 *fem.* The old ending תִּי, § 85. *a* (1), takes the place of תִּי.

2 *masc.* תִּי sometimes shortens its final vowel before the suffix יִי of the first person.

2 *fem.* The old ending תִּי, § 86. *b*, instead of תִּי.

PLUR. 2 *masc.* תִּי from the old pronominal ending תִּי, § 71. *b* (2), takes the place of תִּי. The feminine of this person does not occur with suffixes.

Future.

PLUR. 2 *and* 3 *fem.* The distinctive feminine termination is dropped, and that of the masculine assumed, תִּי for תִּי.

a. In several of these cases it would be more correct to say that it is the uncompounded state of the verb in which the change has taken place, and that before suffixes the original form has been preserved, the added syllable having as it were protected it from mutation.

2. Changes in the suffixes: The suffixes are joined directly to those verbal forms which end in a vowel; those forms which end in a consonant insert before the suffixes of the second pers. plur. כָּם, כָּן, and the second masc. sing. הַ, a vocal Sh'va, and before the remaining suffixes a full vowel, which in the preterite is mostly *a* and in the future and imperative mostly *e*.

The 3 fem. sing. preterite inserts *ă* before the suffixes of the third pers. plural, and *ĕ* before the second fem. singular; when it stands before the third sing. suffixes הַי, הָ, there is frequently an elision of הַ, requiring Daghesht-forte conservative in the verbal ending הַ to preserve the quantity of the previous short vowel, קָטְלְתִּי for קָטְלְתָהּ, קָטְלְתָהּ for קָטְלְתָהּ, see § 57. 2. *b.*

When the third masc. sing. suffix הַי is preceded by (,), the הַ may be elided and the vowels coalesce into וִ, קָטְלְתִּי for קָטְלְתָהּ; when it is preceded by יַ, Shurek may be hardened to its corresponding semi-vowel וִ, קָטְלְתִּי for קָטְלְתָהּ § 62. 2.

When the third fem. suffix הָ is preceded by (,), final Kamets is omitted to prevent the recurrence of the same sound, קָטְלְתִּי for קָטְלְתָהּ.

When הַי, הָ of the third pers. singular are preceded by (..), the vowel of union for the future, a נַ, called Nun Epenthetic, is sometimes inserted, particularly in emphatic and pausal forms, to prevent the hiatus between the two vowels, (..) being at the same time shortened to (,); הַ is then commonly elided and a euphonic Daghesht-forte inserted in the Nun, וְקָטְלְתִּי for וְקָטְלְתָהּ. The same shortening of the (..) and insertion of Daghesht may occur in the first person singular and plural and the second masculine singular; this, like the preceding, takes place chiefly at the end of clauses.

a. The Nun Epenthetic of the future and the Preterite vowel of union *a*, which is abbreviated to Sh'va before η , נָ , נִ , may be relics of old forms of the verb still represented in the Arabic, where the Preterite ends in *a*, and one mode of the future has an appended Nun. Dagghesh-forte in the suffixes of the first and second persons may be explained, as is usually done, by assuming the insertion and assimilation of Nun Epenthetic. נָּנָּנָּ for נָּנָּנָּ ; or it may be Dagghesh-forte emphatic, § 24. 6, and the few cases in which Nun appears in these persons may be accounted for by the resolution of Dagghesh, § 54. 3, instead of the Dagghesh having arisen from the assimilation of Nun, so that נָּנָּנָּ may be for נָּנָּנָּ instead of the reverse.

b. The suffixes, since they do not in strictness form a part of the word with which they are connected, are more loosely attached to it than the pronominal fragments which make up the inflections; hence vowels of union are employed with the former which serve to separate as well as to unite. Hence too the vocal Sh'va, inserted before the suffixes of the second person, does not so completely draw the final consonant of the verb to the appended syllable as to detach it from that to which it formerly belonged; this latter becomes, therefore, not a simple but an intermediate syllable, § 20. 2. A like distinction exists between prefixed prepositions, etc., and the personal prefixes of the future. The latter form part and parcel of the word, while the former preserve a measure of their original separateness. Hence when they form a new initial syllable by the aid of the first consonant of the word, this is properly a mixed syllable after a personal prefix but intermediate after a preposition, בְּהַיָּב but בְּהַיָּב , § 22. *a.* Hence, too, a liability to contraction in one case which does not exist in the other, בְּהַיָּב but בְּהַיָּב , בְּהַיָּב but בְּהַיָּב .

3. Changes in the body of the verb :

Except in the Kal preterite those forms which have personal terminations experience no further change from the addition of suffixes; those which are without such terminations reject the vowel of the last syllable before suffixes requiring a vowel of union and shorten it before the remainder, בְּהַיָּב , בְּהַיָּב , בְּהַיָּב , בְּהַיָּב ; but י of the Hiphil species is almost always preserved, בְּהַיָּב , בְּהַיָּב .

In the Kal imperative and infinitive the rejection of the vowel occasions the concurrence of two vowelless letters at the beginning of the word, which impossible combination is obviated by the insertion of Hhirik to form a new syllable; or, if the rejected vowel was Hholem, by the insertion of Kamets Hhatuph.

In the Kal preterite, where both vowels are liable to mutation, a distinction is made by rejecting the first before suffixes and the second before personal inflections where this is possible, e. g. קָטַל, קָטְלָהּ, קָטַלְתִּי but קָטַלְתָּ, קָטַלְתְּ. Accordingly upon the reception of a suffix the vowel of the second radical, whether it be *a*, *e*, or *o*, must be restored, and if need be lengthened, whenever, in the course of regular inflection, it has been dropped, and the vowel of the first radical, wherever it remains in the regular inflection, must be rejected.

a. Final mixed syllables, as shown in 2 *b*, ordinarily become intermediate upon appending קָ, נָ, וָ, and consequently take a short vowel notwithstanding the following vocal Sh'va. This is invariably the case before קָ and נָ, unless the word to which they are attached has a long immutable vowel in the ultimate which is of course incapable of being shortened; it is also usually the case before וָ, the principal exception, so far as verbal forms are concerned, being the *a* and *e* of the Kal preterite, *a* of the Kal future, and *i* of the Hiphil, וָתָנִיחַ, וָתָנִיחַ, וָתָנִיחַ, וָתָנִיחַ, וָתָנִיחַ, וָתָנִיחַ but וָתָנִיחַ, וָתָנִיחַ, וָתָנִיחַ.

§ 102. 1. The first and second persons of the verb do not receive suffixes of the same person with themselves, for when the subject is at the same time the object of the action the Hithpael species is employed or a reciprocal pronoun is formed from the noun נַפְשִׁי *soul, self*, as נַפְשִׁי *myself*. Suffixes of the third person may, however, be attached to the third person of verbs, provided the subject and object be distinct.

a. There is a single example of a verb in the first person with a suffix of the first person, but in this case the pronoun expresses the indirect object of the verb, וָתָנִיחַ *I have made for me*, Ezek. 29 : 3.

2. Neuter verbs and passive species, whose signification does not admit of a direct object, may yet receive suffixes expressive of indirect relations, such as would be denoted by the dative or ablative in occidental languages, וָתָנִיחַ *ye fasted for me* Zech. 7 : 5, וָתָנִיחַ *thou shalt be forgotten by me*. Isa. 44 : 21.

3. The infinitive may be viewed as a noun, in which case its suffix is to be regarded as a possessive, and represents the subject of the action; or it may be viewed as a verb when its suffix represents the object, e. g. **קָטַלְתִּי** *my killing*, i. e. that which I perform, **קָטַלְתִּי** *killing me*. The participle may also receive the suffix either of a verb or a noun, the pronoun in either case denoting the object, **רֹאֵנִי** *seeing me* Isa. 47 : 10, **שֹׂנְאֵי** *hating me*, lit. *my haters*, Ps. 35 : 19.

a. The infinitive with a verbal suffix represents the subject in **בְּשׁוּבִי** *at my returning*, Ezek. 47 : 7.

§ 103. The paradigm upon the next page exhibits certain portions of the regular verb **קָטַל** with all the suffixes.

a. The parts of the verb selected are sufficient representatives of all the rest, and by the aid of the rules already given will enable the student to determine any other required form for himself. The third person singular of the Hiphil preterite, which undergoes no change in the body of the verb, will answer *mutatis mutandis* for all the forms in that species ending with the final radical. The third singular of the Piel preterite, which suffers a change in its last syllable only, will in like manner answer for all the forms in that species ending with the final radical. The Kal preterite is given in all the persons, both on account of the peculiarity of that tense, which suffers changes in both its vowels, and in order to exhibit the changes in the personal terminations which apply equally to the preterites of the other species. The Kal infinitive and imperative are peculiar in forming a new initial syllable which echoes the rejected vowel. The third person singular of the Kal future affords a type of all the forms in that tense which end with the final radical; and the third plural of the same tense is a type of all the future forms in this and in the other species which have personal terminations appended. The participles undergo the same changes in receiving suffixes with nouns of like formation, and are therefore not included in this table.

PARADIGM OF THE PERFECT

		SINGULAR.				
		1 com.	2 masc.	2 fem.	3 masc.	3 fem.
KAL PRETERITE.						
SING. 3 masc.	קָטַלְתִּי	קָטַלְתָּ	קָטַלְתְּ	קָטַלְתֶּם	קָטַלְתֶּן	קָטַלְתֶּן
					קָטַלְתֶּן	
3 fem.	קָטַלְתְּנִי	קָטַלְתְּ	קָטַלְתְּ	קָטַלְתֶּם	קָטַלְתֶּן	קָטַלְתֶּן
					קָטַלְתֶּן	
2 masc.	קָטַלְתְּנִי } קָטַלְתְּנִי }	——	——	קָטַלְתֶּם	קָטַלְתֶּן	קָטַלְתֶּן
					קָטַלְתֶּן	
2 fem.	קָטַלְתְּנִי	——	——	קָטַלְתֶּם	קָטַלְתֶּן	קָטַלְתֶּן
					קָטַלְתֶּן	
1 com.	——	קָטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי
PLUR. 3 com.	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם
2 masc.	קָטַלְתֶּם	——	——	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם
1 com.	——	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם
INFINITIVE.						
	קָטַלְתִּי } קָטַלְתִּי }	קָטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי
FUTURE.						
SING. 3 masc.	יִקְטַלְנִי } יִקְטַלְנִי }	יִקְטַלְנִי } יִקְטַלְנִי }	יִקְטַלְנִי	יִקְטַלְתֶּם	יִקְטַלְתֶּן	יִקְטַלְתֶּן
					יִקְטַלְתֶּן	
PLUR. 3 masc.	יִקְטַלְנִי	יִקְטַלְתֶּם	יִקְטַלְתֶּם	יִקְטַלְתֶּם	יִקְטַלְתֶּן	יִקְטַלְתֶּן
IMPERATIVE.						
SING. 2 masc.	קָטַלְתִּי	——	——	קָטַלְתֶּם	קָטַלְתֶּן	קָטַלְתֶּן
PIEL PRETERITE.						
SING. 3 masc.	קָטַלְתִּי	קָטַלְתָּ	קָטַלְתְּ	קָטַלְתֶּם	קָטַלְתֶּן	קָטַלְתֶּן
HIPHIL PRETERITE.						
SING. 3 masc.	הִקְטַלְתִּי	הִקְטַלְתָּ	הִקְטַלְתְּ	הִקְטַלְתֶּם	הִקְטַלְתֶּן	הִקְטַלְתֶּן

VERBS WITH SUFFIXES.

		PLURAL.			
1 com.	2 masc.	2 fem.	3 masc.	3 fem.	
קָטְלוּ	קָטְלוּכֶם	קָטְלוּנָהוּ	קָטְלוּם	קָטְלוּ	
קָטְלוּהוּ	קָטְלוּתְכֶם	קָטְלוּתְהֶנּוּ	קָטְלוּתָם	קָטְלוּהָ	
קָטְלוּהֶנּוּ	—	—	קָטְלוּתָם	קָטְלוּהָ	
קָטְלוּהֶנּוּ	—	—	קָטְלוּתָם	קָטְלוּהָ	
—	קָטְלוּתְיָכֶם	קָטְלוּתְיָהֶנּוּ	קָטְלוּתָם	קָטְלוּתָן	
קָטְלוּהוּ	קָטְלוּכֶם	קָטְלוּנָהוּ	קָטְלוּם	קָטְלוּ	
קָטְלוּהֶנּוּ	—	—	קָטְלוּתָם	קָטְלוּהָ	
—	קָטְלוּהֶנּוּכֶם	קָטְלוּהֶנּוּנָהוּ	קָטְלוּהֶנּוּם	קָטְלוּהֶנּוּ	
קָטְלוּהוּ	קָטְלוּכֶם	קָטְלוּנָהוּ	קָטְלוּם	קָטְלוּ	
קָטְלוּהוּ } קָטְלוּהֶנּוּ } קָטְלוּהֶנּוּ	קָטְלוּכֶם } קָטְלוּתְכֶם } קָטְלוּהֶנּוּכֶם	קָטְלוּנָהוּ } קָטְלוּתְהֶנּוּ } קָטְלוּהֶנּוּנָהוּ	קָטְלוּם } קָטְלוּתָם } קָטְלוּהֶנּוּם	קָטְלוּ } קָטְלוּהָ } קָטְלוּהֶנּוּ	
קָטְלוּהוּ	—	—	קָטְלוּם		
קָטְלוּהוּ	קָטְלוּכֶם	קָטְלוּנָהוּ	קָטְלוּם	קָטְלוּ	
הִקָּטְלוּהוּ	הִקָּטְלוּכֶם	הִקָּטְלוּנָהוּ	הִקָּטְלוּם	הִקָּטְלוּ	

REMARKS ON THE PERFECT VERBS WITH SUFFIXES.

PRETERITE.

§ 104. *a.* There are two examples of (,) as the union vowel of the preterite. יָצֵא Isa. 8:11, יָצֵא Judg. 4:20. Daghesh-forte euphonic is sometimes inserted in the suffix of the first pers. sing., יָצֵא Ps. 118:18, יָצֵא Gen. 30:6.

b. The suffix of the second masc. sing. is occasionally יָ , in pause יָצֵא Isa. 55:5, so with the infinitive, יָצֵא Deut. 28:24, 45; and a similar form with the future may perhaps be indicated by the K'thibh in Hos. 4:6 יָצֵא . § 11. 1. *a.* where the K'ri has יָצֵא . With לֵא and הָ verbs this form of the suffix is of frequent occurrence. יָצֵא Isa. 30:19, Jer. 23:37, יָצֵא Ezek. 28:15. In a few instances the final *a* is represented by the vowel letter ה , and the suffix is written הָ . יָצֵא 1 Kin. 18:44, יָצֵא Prov. 2:11, יָצֵא Ps. 145:10, יָצֵא Jer. 7:27.

c. The suffix of the second fem. sing. is commonly יָ , יָצֵא Isa. 54:6, יָצֵא Isa. 60:9, except after the third fem. sing. of the verb, when it is יָ . יָצֵא Ruth 4:15, יָצֵא Isa. 47:10; sometimes, especially in the later Psalms, it has the form יָ corresponding to the pronoun יָ , יָצֵא Ps. 137:6, יָצֵא Ps. 103:4.

d. The suffix of the third masc. sing. is written with the vowel letter ה instead of יָ in יָצֵא Ex. 32:25, יָצֵא Num. 28:8, and in some copies יָצֵא 1 Sam. 1:9, where it would be feminine; this form is more frequently appended to nouns than to verbs.

e. In a few instances the ה of the third fem. suffix is not pointed with Mappik, and consequently represents a vowel instead of a consonant, יָצֵא (with the accent on the penult because followed by an accented syllable) Am. 1:11, so with the infinitive, יָצֵא Ex. 9:18, יָצֵא Jer. 44:19, and the future, יָצֵא Ex. 2:3.

f. The suffix of the third masc. plur. receives a paragogic יָ once in prose, יָצֵא Ex. 23:31, and repeatedly in poetry. יָצֵא Ex. 15:9; once יָ is appended. יָצֵא Ex. 15:5; יָ is used but once as a verbal suffix, יָצֵא Deut. 32:26.

g. The suffix of the third fem. plur. יָ is seldom used, יָצֵא Isa. 48:7, יָצֵא Hab. 2:17; more frequently the masculine יָ is substituted for it, יָצֵא Gen. 26:15, 18, יָצֵא Ex. 2:17, יָצֵא 1 Sam. 6:10, so Num. 17:3, 4, Josh. 4:8, 2 Kin. 18:13, Hos. 2:14, Prov. 6:21; יָ is never used with verbs. When attached to infinitives a paragogic הָ is sometimes added to יָ , יָצֵא Ruth 1:19, יָצֵא Job 39:2.

h. Verbs, which have Tseré for the second vowel in the Kal preterite, retain it before suffixes, יָצֵא Deut. 7:13, יָצֵא Lev. 16:4, יָצֵא Deut. 24:3, יָצֵא Job 37:24. The only example of a suffix appended to a preterite whose second vowel is Hholem, is יָצֵא Ps. 13:5 from יָצֵא ,

the Hholem being shortened to Kamets Hhatuph by the shifting of the accent. Tseret of the Piel species is mostly shortened to Seghol before ה, כ, נ, ז, ק, צ, ח, Deut. 30:3. הָקַצְתָּ ver. 4, but occasionally to Hhirik, אָחַצְתָּ (the Methegh in most editions is explained by § 45. 2) Job 16:5, אָרַחְתָּ Isa. 25:1, אָחַצְתָּ Ex. 31:13, אָחַצְתָּ Isa. 1:15. Hhirik of the Hiphil species is retained before all suffixes with very few exceptions, אָחַצְתָּ 1 Sam. 17:25. Ps. 65:10; in אָחַצְתָּ Deut. 32:7, the verb has the form of the apocopated future.

i. The third fem. preterite sometimes takes the third masc. sing. suffix in its full form, אָחַצְתָּהוּ Prov. 31:12. אָחַצְתָּהוּ Ezek. 15:5, so in pause : אָחַצְתָּהוּ 1 Sam. 18:28, אָחַצְתָּהוּ Gen. 37:20, : אָחַצְתָּהוּ Isa. 59:16, and sometimes contracted by the exclusion of ה, אָחַצְתָּהוּ 1 Sam. 1:24, אָחַצְתָּהוּ Ruth 4:15, אָחַצְתָּהוּ Job 21:18. The third fem. suffix is always contracted, אָחַצְתָּהוּ Jer. 49:24, אָחַצְתָּהוּ Isa. 34:17, אָחַצְתָּהוּ 1 Sam. 1:6. The suffix of the third masc. plural is אֵי, not אֵי, with this person of the verb, the accent falling on the penult. אָחַצְתָּהוּ Gen. 31:32, אָחַצְתָּהוּ Ex. 18:8, אָחַצְתָּהוּ Ps. 119:129, אָחַצְתָּהוּ Isa. 47:14. In the intermediate syllable before ה the vowel is usually short in this person. אָחַצְתָּהוּ Jer. 22:26, אָחַצְתָּהוּ Ezek. 28:18, though it is sometimes long. אָחַצְתָּהוּ Cant. 8:5, as it regularly is in pause : אָחַצְתָּהוּ *ibid.*; so before נִי and נִי of the first person, אָחַצְתָּהוּ Ps. 69:10, : אָחַצְתָּהוּ Num. 20:14.

j. The second masc. sing. preterite usually takes Pattahh before נִי except in pause, אָחַצְתָּהוּ Ps. 139:1, אָחַצְתָּהוּ Job 7:14, אָחַצְתָּהוּ Ps. 22:2. It takes the third masc. sing. suffix either in its full form, אָחַצְתָּהוּ Ezek. 43:20, or contracted, אָחַצְתָּהוּ 2 Kin. 5:6. אָחַצְתָּהוּ Hab. 1:12. אָחַצְתָּהוּ (accent thrown back by § 35. 1) Num. 23:27, אָחַצְתָּהוּ Ps. 89:44.

k. The second fem. sing. preterite assumes (.) commonly without Yodh, § 11. 1. a. before suffixes, and is accordingly indistinguishable from the first person except by the suffix which it receives, § 102. 1, or by the connection in which it is found, אָחַצְתָּהוּ Jer. 15:10, אָחַצְתָּהוּ Cant. 4:9, אָחַצְתָּהוּ 1 Sam. 19:17, אָחַצְתָּהוּ Ex. 2:10; once it takes (.) אָחַצְתָּהוּ Josh. 2:18, and in a few instances the masculine form is adopted in its stead, אָחַצְתָּהוּ Josh. 2:17, 20, Cant. 5:9, אָחַצְתָּהוּ Jer. 2:27 K'ri, אָחַצְתָּהוּ 2 Sam. 14:10.

l. The plural endings of the verb may be written fully ו or defectively (י), thus, in the third person, אָחַצְתָּהוּ Ps. 18:6. אָחַצְתָּהוּ Hos. 12:1; the second אָחַצְתָּהוּ Zech. 7:5, אָחַצְתָּהוּ Num. 20:5, 21:5; and the first אָחַצְתָּהוּ 1 Chron. 13:3.

FUTURE.

§ 105. a. The union vowel *a* is sometimes attached to the future, thus אָחַצְתָּהוּ Gen. 19:19, אָחַצְתָּהוּ Gen. 29:32, אָחַצְתָּהוּ Ex. 33:20, Num. 22:33, אָחַצְתָּהוּ Isa. 56:3, אָחַצְתָּהוּ Job 9:18; אָחַצְתָּהוּ Isa. 63:16; ו (for אָחַצְתָּהוּ), אָחַצְתָּהוּ Hos. 8:3, אָחַצְתָּהוּ Ps. 35:8, אָחַצְתָּהוּ Eccles. 4:12, אָחַצְתָּהוּ 1 Sam. 21:14, so in the K'thibh, אָחַצְתָּהוּ 1 Sam. 18:1 ויאחבו, where the K'ri has אָחַצְתָּהוּ אָחַצְתָּהוּ (for אָחַצְתָּהוּ), אָחַצְתָּהוּ Gen. 37:33, אָחַצְתָּהוּ 2 Chron. 20:7, אָחַצְתָּהוּ Isa. 26:5; אָחַצְתָּהוּ Ex. 29:30, אָחַצְתָּהוּ Deut. 7:15, אָחַצְתָּהוּ Num. 21:30, אָחַצְתָּהוּ Ps.

74: 8, אָמַרְלֶם Ps. 118: 10; וְיִרְשֶׁנּוּ Ex. 2: 17. In 1 Kin. 2: 24 the K'ri has יִרְשֶׁנּוּ, while the K'thibh has the vowel letter י representing the ordinary *e*, יִרְשֶׁנּוּ.

b. The suffixes with Dagghesh inserted occur chiefly in pause; thus יָרִי, יִרְשֶׁנּוּ Jer. 50: 44; יָרִי Gen. 27: 19; יִרְשֶׁנּוּ Job 7: 14. 9: 34; יָרִי (1st plur.), יִרְשֶׁנּוּ Job 31: 15; יָרִי, יִרְשֶׁנּוּ Isa. 43: 5. יִרְשֶׁנּוּ Isa. 44: 2; יָרִי Ps. 30: 13; יָרִי (3 masc. sing.), יִרְשֶׁנּוּ Job 7: 18; יָרִי Job 41: 2 K'ri, יִרְשֶׁנּוּ Hos. 12: 5; יָרִי Ps. 65: 10, or without Dagghesh, יִרְשֶׁנּוּ Judg. 5: 26, Obad. ver. 13; the unemphatic form of the suffix and that with Dagghesh occur in conjunction, יִרְשֶׁנּוּ Isa. 26: 5. There are a very few examples, found only in poetry, of י inserted between the verb and the suffix without further change, יִרְשֶׁנּוּ Ps. 50: 23; יִרְשֶׁנּוּ Jer. 22: 24, יִרְשֶׁנּוּ Jer. 5: 22, יִרְשֶׁנּוּ Ps. 72: 15, יִרְשֶׁנּוּ Deut. 32: 10; יִרְשֶׁנּוּ Ex. 15: 2.

c. The plural ending יָרִי is in a few instances found before suffixes, chiefly in pause, יִרְשֶׁנּוּ, יִרְשֶׁנּוּ, יִרְשֶׁנּוּ Prov. 1: 28; יִרְשֶׁנּוּ Ps. 63: 4; יִרְשֶׁנּוּ Ps. 91: 12; יִרְשֶׁנּוּ Isa. 60: 7, 10; יִרְשֶׁנּוּ Jer. 5: 22; יִרְשֶׁנּוּ Jer. 2: 24; twice it has the union vowel *a*, יִרְשֶׁנּוּ Job 19: 2; יִרְשֶׁנּוּ Prov. 5: 22.

d. When the second vowel of the Kal future is *o*, it is rejected before suffixes requiring a union vowel, compound Sh'va being occasionally substituted for it in the place of simple, יִרְשֶׁנּוּ Hos. 10: 10; יִרְשֶׁנּוּ Num. 35: 20; יִרְשֶׁנּוּ Isa. 27: 3; יִרְשֶׁנּוּ Isa. 62: 2; יִרְשֶׁנּוּ Ezek. 35: 6; יִרְשֶׁנּוּ Jer. 31: 33; once the vowel remains, but is changed to Shurek, יִרְשֶׁנּוּ Prov. 14: 3; *a*, on the other hand, is retained as a pretonic vowel, § 64. 2, יִרְשֶׁנּוּ Job 29: 14; יִרְשֶׁנּוּ Ex. 29: 30; יִרְשֶׁנּוּ Cant. 5: 3; יִרְשֶׁנּוּ Gen. 19: 19. Hholem is shortened before יָרִי, יִרְשֶׁנּוּ, though the vowel letter י is occasionally written in the K'thibh, יִרְשֶׁנּוּ Jer. 1: 5.

e. The following are examples of feminine plurals with suffixes: 2 *fem. plur.* יִרְשֶׁנּוּ Cant. 1: 6, 3 *fem. plur.* יִרְשֶׁנּוּ Job 19: 15. יִרְשֶׁנּוּ Jer. 2: 19. The masculine form is sometimes substituted for the feminine, יִרְשֶׁנּוּ, יִרְשֶׁנּוּ Cant. 6: 9.

INFINITIVE AND IMPERATIVE.

§ 106 *a. Kal Infinitive.* Before יָרִי, יָרִי, יָרִי, Hholem is shortened to Kamets Hhatuph, יִרְשֶׁנּוּ Gen. 2: 17, יִרְשֶׁנּוּ (Methegh by § 45. 2) Obad. ver. 11, יִרְשֶׁנּוּ Gen. 3: 5, יִרְשֶׁנּוּ Mal. 1: 7. Pattahh remains in the single example, יִרְשֶׁנּוּ Isa. 30: 18; sometimes the vowel of the second radical is rejected before these as it is before the other suffixes, and a short vowel given to the first radical, commonly Kamets Hhatuph, יִרְשֶׁנּוּ Deut. 29: 11, יִרְשֶׁנּוּ 2 Kin. 22: 19. יִרְשֶׁנּוּ Deut. 27: 4. once Kibbuts, יִרְשֶׁנּוּ Lev. 23: 22, sometimes Hhirik, יִרְשֶׁנּוּ Gen. 19: 33, 35 but יִרְשֶׁנּוּ Ruth 3: 4, יִרְשֶׁנּוּ Zech. 3: 1, יִרְשֶׁנּוּ 2 Sam. 1: 10, יִרְשֶׁנּוּ Neh. 8: 5, and occasionally Pattahh, יִרְשֶׁנּוּ Ezek. 25: 6. In the feminine form of the infinitive, as in nouns, the old feminine ending ה is substituted for ה, יִרְשֶׁנּוּ Isa. 30: 19, יִרְשֶׁנּוּ Hos. 7: 4. The Niphal infinitive retains its pretonic Kamets before suffixes, יִרְשֶׁנּוּ Ezek. 21: 29.

b. Kal Imperative. The first radical commonly receives Kamets Hhatuph upon the rejection of Hholem, וְיִשְׁׁרְךָ , וְיִשְׁׁרְךָ Jer. 15: 15, but occasionally it takes Hhirik, וְיִשְׁׁרְךָ (with Daghesh-forte euphonic) Prov. 4: 13.

IMPERFECT VERBS.

§ 107. Imperfect verbs depart more or less from the standard already given, as the nature of their radicals may require. They are of three classes, viz.:

I. Guttural verbs, or those which have a guttural letter in the root.

II. Contracted verbs, two of whose radicals are in certain cases contracted into one.

III. Quiescent verbs, or those which have a quiescent or vowel letter in the root.

These classes may again be subdivided according to the particular radical affected. Thus there are three kinds of guttural verbs:

1. Pe guttural verbs, or those whose first radical is a guttural.

2. Ayin guttural verbs, or those whose second radical is a guttural.

3. Lamedh guttural verbs, or those whose third radical is a guttural.

There are two kinds of contracted verbs:

1. Pe Nun verbs, or those whose first radical is Nun, and is liable to be contracted by assimilation with the second.

2. Ayin doubled verbs, or those whose second and third radicals are alike, and are liable to be contracted into one.

There are four kinds of quiescent verbs:

1. Pe Yodh verbs, or those whose first radical is Yodh.

2. Ayin Vav and Ayin Yodh verbs, or those whose second radical is Vav or Yodh.

3. Lamedh Aleph verbs, or those whose third radical is Aleph.

4. Lamedh He verbs, or those in which He takes the place of the third radical.

The guttural differ from the perfect verbs in the vowels only ; the first division of the contracted verbs differ only in the consonants ; the quiescent and the second division of the contracted verbs differ from the perfect verbs in both vowels and consonants.

a. The third class of imperfect verbs may either be regarded as having a quiescent letter in the root, which in certain forms is changed into a vowel, or as having a vowel in the root, which in certain forms is changed into a quiescent letter. As the settlement of this question is purely a matter of theory, the usual name of quiescent verbs has been retained as sufficiently descriptive.

b. The origin of these various technical names for the different kinds of imperfect verbs is explained § 76. 3.

PE GUTTURAL VERBS.

§ 108. Gutturals have the four following peculiarities, § 60, viz. :

1. They often cause a preceding or accompanying vowel to be converted into Pattahh.

2. They receive Pattahh furtive at the end of a word after a long heterogeneous vowel or before a vowelless final consonant.

3. They take compound in preference to simple Sh'va.

4. They are incapable of being doubled, and consequently do not receive Daghash-forte.

§ 109. Pe guttural verbs are affected by these peculiarities as follows, viz. :

1. The Hhirik of the preformatives is changed to Pattahh before the guttural in the Kal future, if the second vowel be Hholem, רַעַמְדַּר for רַעַמְדַּר; but if the second radical has Pattahh this change does not occur, because it would occasion a repetition of the same vowel in successive syllables, § 63. 1. *b*. In the Kal future *a*, therefore, in the Niphal preterite and participle, where the vowel of the second syllable is likewise *a*, and in the Hiphil preterite, where *ǎ* is characteristic and therefore less subject to change, Hhirik is compounded with Pattahh, or, in other words, is changed to the diphthongal Seghol, רַחֲזִיק, נַעַמְדַּר, הַעַמְדַּר. Seghol accompanying *א* of the first person singular of the Kal future, § 60. 1. *a* (5), and Kamets Ithathuph, characteristic of the Hophal species, suffer no change. The same is true of Hholem in the first syllable of the Kal participle, Hhirik of the Piel preterite, and Kibbutz of the Pual species, for the double reason that these vowels are characteristic of those forms, and that their position after the guttural renders them less liable to mutation, § 60. 1. *a* (2); the second reason applies likewise to the Hhirik of the feminine singular and masculine plural of the Kal imperative, which, as the briefest of the short vowels, is besides best adapted to the quick utterance of a command, עַמְדַּר, עַמְדַּר.

2. As the guttural does not stand at the end of the word, there is no occasion for applying the rule respecting Pattahh furtive; this consequently does not appear except in יִתְהַרְהַר, apocopated future of הִתְהַרְהַר, and in one other doubtful example, § 114.

3. Wherever the first radical should receive simple Sh'va the guttural takes compound Sh'va instead; this, if there be no reason for preferring another, and especially if it be preceded by the vowel Pattahh, will be Hhateph Pattahh, whose sound is most consonant with that of the gutturals; this is the case in the Kal second plural preterite, construct infinitive, future and imperative with Hholem, and in the Hiphil,

infinitives, future, imperative, and participle, **יָמַדְתָּם**, **יָמַדְתָּ**. If, however, the guttural be preceded by another vowel than Pattahh the compound Sh'va will generally be conformed to it; thus, after Seghol it becomes Hhateph Seghol as in the Kal future and imperative *ā*, the Niphal preterite and participle, and the Hiphil preterite, **יָמַדְתָּ**, **יָמַדְתָּ**, and after Kamets Hhatuph it becomes Hhateph Kamets as in the Hophal species, **יָמַדְתָּ**. If this compound Sh'va in the course of inflection comes to be followed by a vowelless letter, it is changed to the corresponding short vowel, § 61. 1, thus, (..) becomes (.) in the second feminine singular and the second and third masculine plural of the Kal future; (..) becomes (.) in the third feminine singular and the third plural of the Niphal preterite; and (..) becomes (.) in the corresponding persons of the preterite and future Hophal, **יָמַדְתָּ**, **יָמַדְתָּ**.

a. The simple Sh'va following a short vowel thus formed, remains vocal as in the corresponding forms of the perfect verb, the new syllable being not mixed but intermediate, and hence a succeeding aspirate will retain its aspiration, thus **יָמַדְתָּ** *yaam'dhū*, not **יָמַדְתָּ** *yaamdū*, § 22. *a.* In like manner the Kal imperative has **יָמַדְתָּ** not **יָמַדְתָּ**, **יָמַדְתָּ**, showing that even in the perfect verb **יָמַדְתָּ** were pronounced *kit'lū*, *kittū*, not *kittū*, *kittū*.

4. The reduplication of the first radical being impossible in the infinitive, future and imperative Niphal, the preceding vowel, which now stands in a simple syllable, is lengthened in consequence from Hhirik to Tserē, § 60. 4, **יָמַדְתָּ** for **יָמַדְתָּ**.

§ 110. 1. The verb **יָמַדְתָּ** *to stand*, whose inflections are shown in the following paradigm, may serve as a representative of Pe guttural verbs. The Piel, Pual, and Hithpael are omitted, as they present no deviation from the regular verbs. The Niphal of **יָמַדְתָּ** is not in use, but is here formed from analogy for the sake of giving completeness to the paradigm.

PARADIGM OF PE GUTTURAL VERBS.

	KAL.	NIPHAL.	HIPHAL.	HOPHAL.
PRET. 3 m.	עָמַד	נִעְמַד	הִעְמִיד	הִעְמִיד
3 f.	עָמְדָה	נִעְמְדָה	הִעְמִידָהּ	הִעְמִידָהּ
2 m.	עָמַדְתָּ	נִעְמַדְתָּ	הִעְמִידְתָּ	הִעְמִידְתָּ
2 f.	עָמַדְתְּ	נִעְמַדְתְּ	הִעְמִידְתְּ	הִעְמִידְתְּ
1 c.	עָמַדְתִּי	נִעְמַדְתִּי	הִעְמִידְתִּי	הִעְמִידְתִּי
Plur. 3 c.	עָמְדוּ	נִעְמְדוּ	הִעְמִידוּ	הִעְמִידוּ
2 m.	עָמַדְתֶּם	נִעְמַדְתֶּם	הִעְמִידְתֶּם	הִעְמִידְתֶּם
2 f.	עָמַדְתֶּן	נִעְמַדְתֶּן	הִעְמִידְתֶּן	הִעְמִידְתֶּן
1 c.	עָמַדְתִּנִּי	נִעְמַדְתִּנִּי	הִעְמִידְתִּנִּי	הִעְמִידְתִּנִּי
INFIN. <i>Absol.</i>	עָמֹד	הִעְמֹד	הִעְמֹד	הִעְמֹד
<i>Constr.</i>	עָמַד	הִעְמִיד	הִעְמִיד	הִעְמִיד
FUT. 3 m.	יִעְמַד	יִנְעַמַד	יִהְיֶה עֹמֵד	יִהְיֶה עֹמֵד
3 f.	תִּעְמַד	תִּנְעַמַד	תִּהְיֶה עֹמֵדָהּ	תִּהְיֶה עֹמֵדָהּ
2 m.	תִּעְמַדְתָּ	תִּנְעַמַדְתָּ	תִּהְיֶה עֹמֵדְתָּ	תִּהְיֶה עֹמֵדְתָּ
2 f.	תִּעְמַדְתְּ	תִּנְעַמַדְתְּ	תִּהְיֶה עֹמֵדְתְּ	תִּהְיֶה עֹמֵדְתְּ
1 c.	אֶעְמַד	אֶנְעַמַד	אֶהְיֶה עֹמֵד	אֶהְיֶה עֹמֵד
Plur. 3 m.	יִעְמְדוּ	יִנְעַמְדוּ	יִהְיֶה עֹמְדֵיהֶם	יִהְיֶה עֹמְדֵיהֶם
3 f.	תִּעְמְדֶנָּה	תִּנְעַמְדֶנָּה	תִּהְיֶה עֹמְדֵיהֶן	תִּהְיֶה עֹמְדֵיהֶן
2 m.	תִּעְמְדוּ	תִּנְעַמְדוּ	תִּהְיֶה עֹמְדֵיהֶם	תִּהְיֶה עֹמְדֵיהֶם
2 f.	תִּעְמְדֶנָּה	תִּנְעַמְדֶנָּה	תִּהְיֶה עֹמְדֵיהֶן	תִּהְיֶה עֹמְדֵיהֶן
1 c.	נִעְמַד	נִנְעַמַד	נִהְיֶה עֹמֵד	נִהְיֶה עֹמֵד
IMPER. 2 m.	עָמַד	הִעְמִיד	הִעְמִיד	
2 f.	עָמְדִי	הִעְמִידִי	הִעְמִידִי	wanting
Plur. 2 m.	עָמְדוּ	הִעְמִידוּ	הִעְמִידוּ	
2 f.	עָמְדֶנָּה	הִעְמִידֶנָּה	הִעְמִידֶנָּה	
PART. <i>Act.</i>	עֹמֵד		מִעְמִיד	
<i>Pass.</i>	עָמוּד	נִעְמֹד		מִעְמֹד

2. The Kal imperative and future of those verbs which have Pattahh in the second syllable may be represented by *הִזַּק* to be strong.

IMPERATIVE.

SINGULAR.		PLURAL.	
<i>masc.</i>	<i>fem.</i>	<i>masc.</i>	<i>fem.</i>
הִזַּק	הִזְקִי	הִזְקוּ	הִזְקֵנָה

FUTURE.

	3 <i>masc.</i>	3 <i>fem.</i>	2 <i>masc.</i>	2 <i>fem.</i>	1 <i>com.</i>
SING.	יִזְקֶה	תִּזְקֶינָה	יִזְקוּ	תִּזְקִי	יִזְקֶה
PLUR.	יִזְקוּ	תִּזְקֵנָה	יִזְקוּ	תִּזְקֵנָה	יִזְקוּ

3. Certain verbs, whose first radical is *ס*, receive Hholem in the first syllable of the Kal future after the following, which is distinctively called the Pe Aleph (פֿ) mode.

FUTURE OF PE ALEPH VERBS.

	3 <i>masc.</i>	3 <i>fem.</i>	2 <i>masc.</i>	2 <i>fem.</i>	1 <i>com.</i>
SING.	יִאָכֵל	תִּאָכֵלְנָה	יִאָכֵלוּ	תִּאָכֵלְיָהוּ	יִאָכֵל
PLUR.	יִאָכֵלוּ	תִּאָכֵלְנָה	יִאָכֵלוּ	תִּאָכֵלְנָה	יִאָכֵלוּ

Five verbs uniformly adopt this mode of inflection, viz. : *אָבַד* to perish, *אָבַדָּה* to be willing, *אָכַל* to eat, *אָמַר* to say, *אָפַק* to bake; a few others indifferently follow this or the ordinary Pe guttural mode, *אָהַב* to love, *אָחַז* to take hold, *אָסַף* to gather.

REMARKS ON PE GUTTURAL VERBS.

§ 111. 1. The preformative of the Kal future *a* has (א) in one instance, *אָכַל* Ezek. 23 : 5. That of the Kal future *o* has (ו) in *אָחַז* Prov. 10 : 3, *אָסַף* Ps. 29 : 9. Three verbs with future *o*, *אָהַב*, *אָחַז*, *אָסַף* have Pat-

tahh in the first syllable when the Hholem appears. but Seghol in those forms in which the Hholem is dropped, **יְהִי־וְיָרֶם** Job 12:14. **יְהִי־וְיָרֶם** 2 Kin. 3:25 but **יְהִי־וְיָרֶם** Ex. 19:21, 24; so with suffixes **יְהִי־וְיָרֶם** Ps. 141:5, **יְהִי־וְיָרֶם** Isa. 22:19, **יְהִי־וְיָרֶם** Isa. 53:2. **יְהִי־וְיָרֶם** has **יְהִי־וְיָרֶם** but **יְהִי־וְיָרֶם**.

2. a. If the first radical be א, which has a strong preference for the diphthongal vowels. §60. 1. a (5). the preformative takes Seghol in most verbs in the Kal future, whether a or o. **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** as well as **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם**; in a few with future a, §110. 3, it takes the other compound vowel Hholem when to complete the diphthongal character of the word the () of the second syllable usually becomes () in pause, and in a few instances without a pause accent. **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם**, and in two verbs it becomes () after Vav conversive, **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם**.

b. As א is always quiescent after Hholem in this latter form of the future, §57. 2. (2) a. Pe Aleph verbs might be classed among quiescent verbs, and this is in fact done by some grammarians. But as א has the double character of a guttural and a quiescent in different forms sprung from the same root, and as its quiescence is confined almost entirely to a single-tense of a single species, it seems better to avoid sundering what really belongs together, by considering the Pe Aleph as a variety of the Pe guttural verbs. In a few instances א gives up its consonantal character after () which is then lengthened to (), **יְהִי־וְיָרֶם** Mic. 4:8. When thus quiescent after either Tsere or Hholem, א is always omitted in the first person singular after the preformative א, **יְהִי־וְיָרֶם** Gen. 32:5 for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Prov. 8:17 for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Gen. 24:33 for **יְהִי־וְיָרֶם**, and occasionally in other persons, **יְהִי־וְיָרֶם** Jer. 2:36 for **יְהִי־וְיָרֶם**; so **יְהִי־וְיָרֶם** Deut. 33:21. **יְהִי־וְיָרֶם** Prov. 1:10, **יְהִי־וְיָרֶם** Ps. 104:29, **יְהִי־וְיָרֶם** 2 Sam. 19:14, **יְהִי־וְיָרֶם** 2 Sam. 20:9, **יְהִי־וְיָרֶם** 1 Sam. 23:24; in a few instances the vowel letter ו is substituted for it, **יְהִי־וְיָרֶם** Ezek. 42:5 for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Neh. 2:7, Ps. 42:10.

c. A like quiescence or omission of א occurs in **יְהִי־וְיָרֶם** Num. 11:25 Hi. fut. for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Ezek. 21:33 Hi. inf. for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Job 32:11 Hi. fut. for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Prov. 17:4 Hi. part. for **יְהִי־וְיָרֶם**, §53. 2. a. **יְהִי־וְיָרֶם** Job 35:11 Pi. part. for **יְהִי־וְיָרֶם**, §53. 3. **יְהִי־וְיָרֶם** 2 Sam. 22:40 Pi. fut. for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** 1 Sam. 15:5 Hi. fut. for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Isa. 21:14 Hi. pret. for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Isa. 13:20 Pi. fut. for **יְהִי־וְיָרֶם**, and after prefixes **יְהִי־וְיָרֶם** for **יְהִי־וְיָרֶם**, the Kal infinitive of **יְהִי־וְיָרֶם** with the preposition ל, **יְהִי־וְיָרֶם** Ezek. 28:16 Pi. fut. with Vav conversive for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Zech. 11:5 Hi. fut. with Vav conjunctive for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Eccles. 4:14 Kal pass. part. with the article for **יְהִי־וְיָרֶם**.

d. The diphthongal Hholem is further assumed by Pe Aleph roots once in the Niphal preterite, **יְהִי־וְיָרֶם** Num. 32:30 for **יְהִי־וְיָרֶם**, and five times in the Hiphil future, **יְהִי־וְיָרֶם** Jer. 46:8 for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Hos. 11:4 for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** Neh. 13:13 for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** 1 Sam. 14:24 abbreviated from **יְהִי־וְיָרֶם** for **יְהִי־וְיָרֶם**, **יְהִי־וְיָרֶם** 2 Sam. 20:5 K'ri for **יְהִי־וְיָרֶם**.

e. א draws the vowel to itself from the preformative in **יְהִי־וְיָרֶם** Prov. 1:22 Kal fut. for **יְהִי־וְיָרֶם** in pause **יְהִי־וְיָרֶם** Zech. 8:17, Ps. 4:3, §60. 3. c. Some so explain **יְהִי־וְיָרֶם** Job 20:26, regarding it as a Kal future for

הַאֲבָקָה with the vowel attracted to the א from the preformative; it is simpler, however, to regard it as a Pual future with Kamets Hhatuph instead of Kibbutz, as אֲבָקָה Nah. 2:4, אֲבָקָה Ps. 94:20.

3. *a.* Kamets Hhatuph for the most part remains in the Kal infinitive and imperative with suffixes, as אֲבָקָה, אֲבָקָה, אֲבָקָה, being rarely changed to Pattahh, as in אֲבָקָה Prov. 20:16, or Seghol, as אֲבָקָה Num. 11:16, אֲבָקָה Job 33:5. In the inflected imperative Seghol occurs once instead of Hhirik, אֲבָקָה Isa. 47:2, and Kamets Hhatuph twice in compensation for the omitted Hholem, אֲבָקָה Zeph. 3:14 but אֲבָקָה Ps. 68:5, אֲבָקָה Jer. 2:12 but אֲבָקָה Jer. 50:27, though the *o* sound is once retained in the compound Sh'va of a pausal form, אֲבָקָה Isa. 44:27. Ewald explains אֲבָקָה Ex. 20:5, 23:24, Deut. 5:9, and אֲבָקָה Deut. 13:3 as Kal futures, the excluded Hholem giving character to the preceding vowels; the forms, however, are properly Hophal futures, and there is no reason why the words may not be translated accordingly *be induced to serve*. In a few Kal infinitives with a feminine termination ה has (,) אֲבָקָה Ezek. 16:5, אֲבָקָה Hos. 7:4.

b. In a very few instances Pattahh is found in the first syllable of the Niphal and of the Hiphil preterite, אֲבָקָה Ps. 89:8, אֲבָקָה Judg. 8:19.

§ 112. 1. The guttural invariably receives compound Sh'va in place of simple, where this is vocal in the perfect verb; and as in these cases it stands at the beginning of the word, it is more at liberty to follow its native preferences, and therefore usually takes (,). In אֲבָקָה 2 plur. pret., אֲבָקָה inf., אֲבָקָה imper. of אֲבָקָה, the initial ה has (,) under the influence of the following ו; א receives (,) in the second plural of the Kal preterite, and in the feminine and plural of the passive participle. אֲבָקָה, אֲבָקָה, אֲבָקָה, but commonly (,) in the imperative and infinitive, § 60. 3. *b.* אֲבָקָה imper., אֲבָקָה and אֲבָקָה inf., אֲבָקָה and אֲבָקָה inf., אֲבָקָה imper., אֲבָקָה inf. and imper. (but אֲבָקָה Job 34:18 with ה interrogative). אֲבָקָה, אֲבָקָה (with ה, paragogic אֲבָקָה), and in a very few instances the long vowel (,) § 60. 3. *c.* אֲבָקָה Ex. 16:23 for אֲבָקָה, אֲבָקָה Isa. 21:12.

2. Where the first radical in perfect verbs stands after a short vowel and completes its syllable, the guttural does the same, but mostly admits an echo of the preceding vowel after it, inclining it likewise to begin the syllable which follows. In the intermediate syllable thus formed, § 20. 2, the vowel remains short, only being modified agreeably to the rules already given by the proximity of the guttural, which itself receives the corresponding Hhatuph. The succession is, therefore, usually (,) (,) or (,) (,). In a very few instances this correspondence is neglected; thus, in אֲבָקָה 3 fem. fut. of אֲבָקָה *to go* (comp. אֲבָקָה from אֲבָקָה *to laugh*) the Hhirik of the preformative remains and the guttural takes Hhatuph Pattahh; in אֲבָקָה (once, viz., Hab. 1:15 for אֲבָקָה) and אֲבָקָה Hiphil and Hophal preterites of אֲבָקָה *to go up*, and אֲבָקָה (once, viz., Josh. 7:7 for אֲבָקָה) Hi. pret. of אֲבָקָה *to pass over*, the guttural is entirely transferred to the second syllable, and the preceding vowel is lengthened. The forms אֲבָקָה, אֲבָקָה, אֲבָקָה from אֲבָקָה *to be*, and אֲבָקָה from אֲבָקָה *to live*, are peculiar in having simple vocal Sh'va.

3. Where (ִ) or (ִּ) are proper to the form these are frequently changed to (ִ) or (ִּ) upon the prolongation of the word or the removal of its accent forward. Thus, in the Kal future, יִאֲסֹף 2 Kin. 5:3; יִאֲסֹפֶיךָ Ex. 4:29; יִאֲסֹפֶיךָ Ps. 27:10; תִּאֲסֹפֶיךָ Josh. 2:18; יִאֲסֹפֶיךָ Isa. 59:5; תִּאֲסֹפֶיךָ Judg. 16:13; the Niphal, יִנְעֹלֶם 1 Kin. 10:3; יִנְעֹלֶמָה Nah. 3:11; יִנְעֹלֶם Ps. 26:4; and especially in the Hiphil preterite with Vav conversive, תִּהְיֶה Job 14:19; וְהִיאָבֶדְתָּ Deut. 7:24; יִהְיֶה Deut. 9:3 (comp. יִהְיֶה Ps. 80:6); וְהִיאָבֶדְתָּ Lev. 23:30; יִהְיֶה Isa. 49:26; יִהְיֶה Neh. 5:16; וְהִיאָבֶדְתָּ Ezek. 30:25; יִהְיֶה Isa. 43:23; וְהִיאָבֶדְתָּ Jer. 17:4; יִהְיֶה Deut. 1:45; וְהִיאָבֶדְתָּ Ex. 15:26; וְהִיאָבֶדְתָּ Jer. 49:37; after Vav conjunctive, however, the vowels remain unchanged, וְהִיאָבֶדְתָּ 1 Sam. 17:35; וְהִיאָבֶדְתָּ Ps. 50:21. The change from (ִ) to (ִּ) after Vav conversive occurs once in the third person of the Hiphil preterite, וְהִיאָבֶדְתָּ Ps. 77:2, but is not usual, e. g. וְהִיאָבֶדְתָּ Lev. 27:8. There is one instance of (ִּ) instead of (ִ) in the Hiphil infinitive, וְהִיאָבֶדְתָּ Jer. 31:32.

4. A vowel which has arisen from Sh'va in consequence of the rejection of the vowel of a following consonant, will be dropped in guttural as in perfect verbs upon the latter vowel being restored by a pause accent, וְהִיאָבֶדְתָּ; וְהִיאָבֶדְתָּ.

5. Sometimes the silent Sh'va of the perfect verb is retained by the guttural instead of being replaced by a compound Sh'va or a subsidiary vowel which has arisen from it. This is most frequent in the Kal future, though it occurs likewise in the Kal infinitive after inseparable prepositions, in the Niphal preterite and participle, in the Hiphil species, and also though rarely in the Hophal. There are examples of it with all the gutturals, though these are most numerous in the case of ה, which is the strongest of that class of letters. In the majority of roots and forms there is a fixed or at least a prevailing usage in favour either of the simple or of the compound Sh'va; in some, however, the use of one or the other appears to be discretionary.

a. The following verbs always take simple Sh'va under the first radical in the species whose initial letters are annexed to the root, viz.:

אָרַם	Hi. to be red.	הָבַל	K. Hi. to be vain.	הָגַר	K. to gird.
אָרַר	Ni. Hi. to be illu- trious.	הָנָה	K. Hi. to meditate.	הָרַל	K. (not Ho.) to cease.
אָרַם	Hi. to close.	הָרַר	K. Ni. to honour.	הָטַב	K. to cut.
* אָרַר	K. to shut.	הָהָ	K. Ni. to be.	הָהָ	K. (not Hi.) to live.
אָלַם	K. to learn.	* הָבַר	K. to injure, wound.		
אָלַר	K. to gird on.	הָבַס	Ni. Hi. Ho. to hide.	הָבַס	K. Hi. to be wise.
אָלַם	K. Ni. (not Hi.) to be guilty.	הָבַט	K. to beat off.	* הָלַט	K. meaning doubt- ful.
		הָבַר	Hi. to join together.		

* ἀπαξ λεγόμενον.

הָרַבַּר K. Ni. <i>to desire.</i>	הָרַבַּר K. <i>to dig.</i>	נָגַה K. <i>to put on as an ornament.</i>
הָרַבַּל K. <i>to spare.</i>	הָרַבַּר K. Hi. <i>to blush.</i>	
הָרַבַּס K. Ni. <i>to do violence to.</i>	הָרַבַּשׁ K. Ni. <i>to search.</i>	נָגַהּ Hi. <i>to gather much.</i>
הָרַבַּץ K. <i>to be leavened.</i>	הָרַבַּב K. (not Hi.) <i>to hew.</i>	נָגַר Ni. <i>to be wanting.</i>
הָרַמַּר K. <i>to ferment.</i>	הָרַמַּר K. Ni. <i>to investigate.</i>	נָגַר K. Ni. <i>to trouble.</i>
הָרַמַּה K. <i>to dedicate.</i>	* הָרַמַּג K. <i>to tremble.</i>	נָגַל Hi. <i>to be presumptuous.</i>
הָרַמַּל K. <i>to devour.</i>	הָרַמַּה K. <i>to take up.</i>	נָגַשׁ K. Ni. <i>to pervert.</i>
הָרַמַּס K. <i>to muzzle.</i>	הָרַמַּה Ni. <i>to be destined.</i>	נָשָׂה K. Hi. <i>to tithe.</i>
הָרַמַּר K. Hi. <i>to lack.</i>	הָרַמַּל Ho. <i>to be swaddled.</i>	* נָשָׂא Ni. <i>to be burnt up.</i>
הָרַמַּה Ni. <i>to cover.</i>	הָרַמַּס K. Ni. Hi. <i>to seal.</i>	נָשָׂק K. Hi. <i>to be removed.</i>
הָרַמַּז K. Ni. <i>to be panic-struck.</i>	הָרַמַּה K. <i>to seize.</i>	
הָרַמַּיִן K. <i>to delight.</i>	הָרַמַּר K. <i>to break through.</i>	נָשָׂר K. Ni. Hi. <i>to entreat.</i>
	נָבַב K. <i>to love, dote.</i>	

b. The following are used with both simple and compound Sh'va, either in the same form or in different forms, viz.:

אָבַר <i>to bind.</i>	הָסַה <i>to trust.</i>	נָגַהּ <i>to wear.</i>
הָפַךְ <i>to turn.</i>	הָשִׁיף <i>to withhold.</i>	נָגַר <i>to encircle.</i>
הָבַל <i>to take in pledge.</i>	הָשַׁף <i>to uncover.</i>	נָגַם <i>to conceal.</i>
הָבַשׁ <i>to bind.</i>	הָשַׁב <i>to think.</i>	נָגַר <i>to shut up, restrain.</i>
הָבַק <i>to be strong.</i>	הָשִׁה <i>to be dark.</i>	נָגַב <i>to supplant.</i>
הָבַח <i>to be sick.</i>	נָבַר <i>to pass over.</i>	נָשָׂן <i>to smoke.</i>
הָבַח <i>to divide.</i>	נָבַר <i>to help.</i>	נָשָׂר <i>to be rich.</i>

c. The following have simple Sh'va only in the passages or parts alleged, but elsewhere always compound Sh'va, viz.:

אָהַב 2 Chr. 19 : 2, Pr. 15 : 9, <i>to love.</i>	הָרַר Ezek. 26 : 18, <i>to tremble.</i>
אָזַר Ps. 65 : 7, <i>to gird.</i>	הָשִׁהּ Hi. part. <i>to be silent.</i>
אָסַף Ps. 47 : 10, <i>to gather.</i>	הָרַח Jer. 49 : 37, <i>to be dismayed.</i>
הָלַךְ Ps. 109 : 23, <i>to go.</i>	נָבַר Eccl. 5 : 8, <i>to serve.</i>
הָלַם Job 39 : 4, Jer. 29 : 8, <i>to dream.</i>	נָלַז Jer. 15 : 17, Ps. 149 : 5, and
הָלַח Job 20 : 24, <i>to change, pierce.</i>	נָלַיֵן Ps. 5 : 12, <i>to exult.</i>

All other Pe guttural verbs, if they occur in forms requiring a Sh'va under the first radical, have invariably compound Sh'va.

The use or disuse of simple Sh'va is so uniform and pervading in certain verbs, that it must in all probability be traced to the fixed usage of actual speech. This need not be so in all cases, however, as in other and less common words its occurrence or non-occurrence may be fortuitous; additional examples might have been pointed differently.

* ἀπαξ λεγόμενον.

† Except Ps. 44 : 22.

§ 113. 1. The Hhirik of the prefix is in the Niphal future, imperative and participle, almost invariably lengthened to Tsere upon the omission of Daghesh-forte in the first radical, הִהֲסֹן, הִאֲצִיר, הִהֲבֹט Isa. 23: 18, הִהֲבֹט (the retrocession of the accent by § 35. 1) Isa. 28: 27, הִהֲלֹק Job 38: 24, הִהֲלִין Num. 32: 17, הִהֲחִנֵּק 2 Sam. 17: 23. which is in one instance expressed by the vowel letter וּ, הִוִּשְׁטָה Ex. 25: 31. The only exception is הִבְהִירָה (two accents explained by § 42. a) Ezek. 26: 15 for הִבְהִירָהּ, where the vowel remains short as in an intermediate syllable, only being changed to Seghol before the guttural as in the Niphal and Hiphil preterites. According to some copies, which differ in this from the received text, the vowel likewise remains short in הִאֲצִירָה Job 19: 7, הִדְשִׁיחָהּ Ezek. 43: 18, הִיִּהְלֹמָה 1 Chron. 24: 3, הִבְשִׁיטָה Lam. 2: 11.

2. The initial ה of the Hiphil infinitive is, as in perfect verbs, rarely rejected after prefixed prepositions, as לְהִחַלֵּק Jer. 37: 12 for לְהִחַלֵּקָהּ. לְהִשְׁמִיעַ Eccles. 5: 5, לְהִבְרִיר 2 Sam. 19: 19, לְהִשְׁטֹחַ Deut. 26: 12, לְהִבְשִׁיר Neh. 10: 39, לְהִזוּר 2 Sam. 18: 3 K'thibh; and still more rarely that of the Niphal infinitive, הִבְשִׁיטָה Lam. 2: 11 for הִבְהִירָהּ, Ezek. 26: 15.

§ 114. The letter ר resembles the other gutturals in not admitting Daghesh-forte, and in requiring the previous vowel to be lengthened instead, וַיִּבְרָךְ Jon. 1: 5, וַיִּבְרָכֵנוּ Ps. 106: 25. In other cases, however, it causes no change in an antecedent Hhirik, רָדָהּ Deut. 19: 6, רָהֲזוּ 2 Sam. 7: 10, תִּרְבֹּבְתָהּ Ps. 66: 12. except in certain forms of the verb רָאָה to see, viz., וַיִּרְאָה Kal future with Vav conversive, shortened from הִרְאָהּ, תִּרְאָהּ which alternates with הִרְאָהּ as Hiphil preterite, and once with Vav conversive preterite, וַיִּרְאֵהוּ Nah. 3: 5. It is in two instances preceded by Hhirik in the Hiphil infinitive, הִרְגִּיזוּ, הִרְגִּיזָהּ Jer. 50: 34. In the Hophal species the participles מְרַחֵם Isa. 14: 6, מְרַבֵּחַת Lev. 6: 14 take Kibbutz in the first syllable, but רָאָה, רָעַל have the ordinary Kametz Hhatuph. Resh always retains the simple Sh'va of perfect verbs whether silent or vocal, רָדָהּ Gen. 44: 4, רָפְאוּנִי Ps. 129: 86. except in one instance, רָבְדָהּ Ps. 7: 6. where it appears to receive Pattahh furtive contrary to the ordinary rule which restricts it to the end of the word, § 60. 2. a.

§ 115. The verb אָמַל reduplicates its last instead of its second radical in the Pual, אֲמַלְלֵל; אֲמַר reduplicates its last syllable, אֲמַרְמַרָה Lam. 2: 11, § 92. a. תִּרְגֵּלְתָהּ Hos. 11: 3 has the appearance of a Hiphil preterite with ה prefixed instead of ה.

הִתְלַח is a secondary root, based upon the Hiphil of תִּלְלַח. See ע"ע verbs.

For the peculiar forms of אָסַח and הִלְחָהּ see the ע"ע verbs, וְסַח, וְלַחָהּ.

AYIN GUTTURAL VERBS.

§ 116. Ayin guttural verbs, or those which have a guttural for their second radical, are affected by the peculiarities of these letters, § 108, in the following manner, viz. :

1. The influence of the guttural upon a following vowel being comparatively slight, this latter is only converted into Pattahh in the future and imperative Kal, and the feminine plural of the future and imperative Niphal, Piel, and Hithpael, where the like change sometimes occurs even without the presence of a guttural, תְּנַאֲלָהּ for תְּנַאֲלֵה ; תְּנַאֲלָהֶן for תְּנַאֲלֵנָה .

2. No forms occur which could give rise to Pattahh furtive.

3. When the second radical should receive simple Sh'va, it takes Hhateph Pattahh instead as the compound Sh'va best suited to its nature; and to this the new vowel, formed from Sh'va in the feminine singular and masculine plural of the Kal imperative, is assimilated, גַּאֲלֵי for גַּאֲלֵי .

4. Daghesht-forte is always omitted from the second radical in Piel, Pual, and Hithpael, in which case the preceding vowel may either remain short as in an intermediate syllable, or Hhirik may be lengthened to Tsere, Pattahh to Kamets, and Kibbutz to Hholem, § 60. 4, גַּאֲלֵי , גַּאֲלֵי .

§ 117. The inflections of Ayin guttural verbs may be shown by the example of גַּאֲלֵי , which in some species means *to redeem*, and in others *to pollute*. The Hiphil and Hophal are omitted, as the former agrees precisely with that of perfect verbs, and the latter differs only in the substitution of compound for simple Sh'va in a manner sufficiently illustrated by the foregoing species.

a. The Pual infinitive is omitted from the paradigm as it is of rare occurrence, and there is no example of it in this class of verbs. As the absolute infinitive Piel mostly gives up its distinctive form and adopts that of the construct, § 92. *d.* it is printed with Tsere in this and the following paradigms.

PARADIGM OF AYIN GUTTURAL VERBS.

	KAL.	NIPHAL.	PIEL.	PUAL.	HITHPAEL.
PRET. 3 m.	קָטַל	נִקְטַל	קָטַל	קָטַל	הִתְקַטַּל
3 f.	קָטְלָהּ	נִקְטְלָהּ	קָטְלָהּ	קָטְלָהּ	הִתְקַטְּלָהּ
2 m.	קָטַלְתָּ	נִקְטַלְתָּ	קָטַלְתָּ	קָטַלְתָּ	הִתְקַטַּלְתָּ
2 f.	קָטַלְתְּ	נִקְטַלְתְּ	קָטַלְתְּ	קָטַלְתְּ	הִתְקַטַּלְתְּ
1 c.	קָטַלְתִּי	נִקְטַלְתִּי	קָטַלְתִּי	קָטַלְתִּי	הִתְקַטַּלְתִּי
Plur. 3 c.	קָטְלוּ	נִקְטְלוּ	קָטְלוּ	קָטְלוּ	הִתְקַטְּלוּ
2 m.	קָטַלְתֶּם	נִקְטַלְתֶּם	קָטַלְתֶּם	קָטַלְתֶּם	הִתְקַטַּלְתֶּם
2 f.	קָטַלְתֶּן	נִקְטַלְתֶּן	קָטַלְתֶּן	קָטַלְתֶּן	הִתְקַטַּלְתֶּן
1 c.	קָטַלְתֶּנּוּ	נִקְטַלְתֶּנּוּ	קָטַלְתֶּנּוּ	קָטַלְתֶּנּוּ	הִתְקַטַּלְתֶּנּוּ
INFIN. <i>Absol.</i>	קָטֹל	הִתְקַטֵּל	קָטֹל		
<i>Constr.</i>	קָטֹל	הִתְקַטֵּל	קָטֹל		הִתְקַטֵּל
FUT. 3 m.	יִקְטֹל	יִתְקַטֵּל	יִקְטֹל	יִקְטֹל	יִתְקַטֵּל
3 f.	תִּקְטֹל	תִּתְקַטֵּל	תִּקְטֹל	תִּקְטֹל	תִּתְקַטֵּל
2 m.	תִּקְטֹל	תִּתְקַטֵּל	תִּקְטֹל	תִּקְטֹל	תִּתְקַטֵּל
2 f.	תִּקְטֹלִי	תִּתְקַטֵּלִי	תִּקְטֹלִי	תִּקְטֹלִי	תִּתְקַטֵּלִי
1 c.	אֶקְטֹל	אֶתְקַטֵּל	אֶקְטֹל	אֶקְטֹל	אֶתְקַטֵּל
Plur. 3 m.	יִקְטְלוּ	יִתְקַטְּלוּ	יִקְטְלוּ	יִקְטְלוּ	יִתְקַטְּלוּ
3 f.	תִּקְטַלְנָהּ	תִּתְקַטְּלָהּ	תִּקְטַלְנָהּ	תִּקְטַלְנָהּ	תִּתְקַטְּלָהּ
2 m.	תִּקְטְלוּ	תִּתְקַטְּלוּ	תִּקְטְלוּ	תִּקְטְלוּ	תִּתְקַטְּלוּ
2 f.	תִּקְטַלְנָהּ	תִּתְקַטְּלָהּ	תִּקְטַלְנָהּ	תִּקְטַלְנָהּ	תִּתְקַטְּלָהּ
1 c.	נִקְטֹל	נִתְקַטֵּל	נִקְטֹל	נִקְטֹל	נִתְקַטֵּל
IMPER. 2 m.	קָטֹל	הִתְקַטֵּל	קָטֹל		הִתְקַטֵּל
2 f.	קָטְלִי	הִתְקַטֵּלִי	קָטְלִי	wanting	הִתְקַטֵּלִי
Plur. 2 m.	קָטְלוּ	הִתְקַטְּלוּ	קָטְלוּ		הִתְקַטְּלוּ
2 f.	קָטְלֶנּוּ	הִתְקַטְּלֶנּוּ	קָטְלֶנּוּ		הִתְקַטְּלֶנּוּ
PART. <i>Act.</i>	קָטֹל		מִקְטֹל		מִתְקַטֵּל
<i>Pass.</i>	קָטֹל	נִקְטָל		מִקְטָל	

REMARKS ON AYIN GUTTURAL VERBS.

§ 118. 1. If the second radical is ר, the Kal future and imperative commonly have Hholem; but the following take Pattahh, הָאָהָה to be long, הָדָה to be dried or desolate, הָרָה to tremble. הָחָה to reproach, to winter, הָיָה to sharpen, הָזָה to be sweet, הָקָה to come near, הָלָה to cover; הָפָה to tear in pieces. Has either Hholem or Pattahh; הָרָשׁ to plough has fut. ו, to be silent has fut. א.

2. With any other guttural for the second radical the Kal future and imperative have Pattahh; only הָהָה to roar, and הָרָה to love, have Hholem; הָזָה to curse, הָזָל to trespass, and הָפָל to do, have either Pattahh or Hholem; the future of הָחָה to grasp, is הָחָהוּ or הָחָהוּ.

3. Pattahh in the ultimate is as in perfect verbs commonly prolonged to Kamets before suffixes, where Hholem would be rejected, הָאָהָה Prov. 4:6, הָיָהוּ 2 Kin. 10:14, הָאָהָהוּ 2 Sam. 22:43, הָאָהָהוּ Isa. 45:11, הָאָהָהוּ Gen. 29:32.

4. The feminine plurals of the Niphal and Piel futures have Pattahh with the second radical whether this be ר or another guttural. הָחָהָה Ezek. 7:27, הָשָׁרָהָה Prov. 6:27, הָחָהָה Ezek. 16:6, הָאָהָהָה Hos. 4:13, but Tsere occasionally in pause, הָחָהָהָה Jer. 9:17.

§ 119. 1. With these exceptions the vowel accompanying the guttural is the same as in the perfect verb; thus the Kal preterite *mid. ē* הָהָה Gen. 27:9, הָהָהָה Deut. 15:16; infinitive הָהָה 1 Sam. 7:8, הָהָה Jer. 15:3, with Makkeph. הָהָהָה 1 Kin. 5:20; Niphal infinitive, הָהָהָה Ex. 17:10, with suffixes, הָהָהָהָה 2 Chron. 16:7, 8, with prefixed ו, הָהָהָהָה Judg. 11:25, הָהָהָהָה 1 Sam. 20:6, 2S. and once anomalously with prefixed א, הָהָהָהָה Ezek. 14:3 (a like substitution of א for ה occurring once in the Hiphil preterite, הָהָהָהָה Isa. 63:3); future הָהָהָה Ex. 14:14, with Vav conversive, הָהָהָהָה Job 7:5, הָהָהָהָה Ex. 32:1, הָהָהָהָה Judg. 6:34, הָהָהָהָה Ex. 9:15, הָהָהָהָה Num. 22:25, or with the accent on the penult, הָהָהָהָה Ex. 17:8, הָהָהָהָה Gen. 41:8; imperative, הָהָהָה 1 Sam. 18:17, or with the accent thrown back, הָהָהָהָה Gen. 13:9; Hiphil infinitive, הָהָהָהָה 1 Sam. 27:12, הָהָהָהָה Gen. 21:16, הָהָהָהָה Deut. 7:2, apocopated future, הָהָהָה 1 Sam. 2:10, הָהָהָה 1 Kin. 8:1 (in the parallel passage, 2 Chron. 5:2, הָהָהָהָה), הָהָהָהָה Deut. 9:26, הָהָהָהָה Ps. 12:4, with Vav conversive, הָהָהָהָה 1 Kin. 22:54, הָהָהָהָה Zech. 11:8; imperative, הָהָהָהָה Ex. 28:1, with Makkeph. הָהָהָהָה Ps. 81:11, הָהָהָהָה 2 Sam. 20:4, הָהָהָהָה Deut. 4:10, with a pause accent the last vowel sometimes becomes Pattahh. הָהָהָהָה Job 13:21, הָהָהָהָה Ps. 69:24, though not always, הָהָהָהָה Lev. 8:3. Hophal infinitive, הָהָהָהָה 2 Kin. 3:23. Tsere is commonly retained in the last syllable of the Piel and Hithpael, which upon the retrocession or loss of the accent is shortened to Seghol, הָהָהָה Lev. 5:22, הָהָהָה Hos. 9:2, הָהָהָה Gen. 39:14, הָהָהָה Ps. 104:26, הָהָהָה 74:10, הָהָהָה Gen. 39:4, הָהָהָהָה Dan. 2:1, הָהָהָהָה 2 Kin. 18:23, and occasionally before suffixes to Hhirik, הָהָהָהָה Isa. 1:15, הָהָהָהָה (fem. form for הָהָהָהָה, § 61. 5) 1 Sam. 16:15 but הָהָהָהָה Isa. 30:18, הָהָהָהָה

Ezek. 5 : 16; in a few instances, however, as in the perfect verb, Pattahh is taken instead, thus in the preterite, לָחַט Mal. 3 : 19, חָח Ps. 103 : 13, רָחַק Isa. 6 : 12, אָרַשׁ Deut. 20 : 7, בָּרַח Gen. 24 : 1 (בָּרַח rarely occurs except in pause), פָּרַשׁ Isa. 25 : 11, and more rarely still in the imperative, קָרַב Ezek. 37 : 17, and future יִרְחַק Prov. 14 : 10, יִרְחַקְמוּלָו Dan. 1 : 8.

2. שָׁאֵל, which has Kamets in pause, שָׁאֵל, but most commonly Tsere before suffixes. שָׁאֵלְיָנִי. שָׁאֵלְיָנִי, exhibits the peculiar forms. שָׁאֵלְתָּ 1 Sam. 12 : 13, שָׁאֵלְתִּירוּ 1 Sam. 1 : 20, שָׁאֵלְתִּיהוּ Judg. 13 : 6, שָׁאֵלְתִּיהוּ 1 Sam. 1 : 28.

3. Kamets Hhatuph sometimes remains before the guttural in the Kal imperative and infinitive with suffixes or appended ה, אָחַז Hos. 9 : 10, אָחַזְתָּ Ruth 3 : 13, אָחַזְתָּ Am. 2 : 4, אָחַזְתָּ (by § 61. 1) Isa. 30 : 12, אָחַזְתָּ Deut. 20 : 2 (the alternate form being אָחַזְתָּ Josh. 22 : 16), אָחַזְתָּ Ex. 30 : 18, אָחַזְתָּ Ezek. 8 : 6, and sometimes is changed to Pattahh, אָחַזְתָּ Isa. 57 : 13, אָחַזְתָּ Ezek. 20 : 27, אָחַזְתָּ Hos. 5 : 2, אָחַזְתָּ Deut. 10 : 15, אָחַזְתָּ Jer. 31 : 12, or with simple Sh'va under the guttural, אָחַזְתָּ Ps. 68 : 8, אָחַזְתָּ 2 Chron. 26 : 19. In אָחַזְתָּ Num. 23 : 7, Kamets Hhatuph is lengthened to Hholem in the simple syllable. Once the paragogic imperative takes the form אָחַזְתָּ Isa. 7 : 11, comp. אָחַזְתָּ Dan. 9 : 19, אָחַזְתָּ Ps. 41 : 5.

4. Hhirik of the inflected Kal imperative is retained before ר, אָחַזְתָּ Josh. 9 : 6, and once before ח, אָחַזְתָּ Job 6 : 22; when the first radical is א it becomes Seghol, אָחַזְתָּ Ps. 31 : 24, אָחַזְתָּ Cant. 2 : 15; in other cases it is changed to Pattahh, אָחַזְתָּ Isa. 14 : 31, אָחַזְתָּ Judg. 10 : 14.

§ 120. 1. The compound Sh'va after Kamets Hhatuph is (ֶ), after Seghol (ֶ), in other cases (ֶ), as is sufficiently shown by the examples already adduced. Exceptions are rare, אָחַזְתָּ Ruth 3 : 15, אָחַזְתָּ Ezek. 16 : 33, אָחַזְתָּ y'thā'rēhū Isa. 44 : 13.

2. The letter before the guttural receives compound Sh'va in אָחַזְתָּ Gen. 21 : 6; in אָחַזְתָּ Ezek. 9 : 8, this leads to the prolongation of the preceding vowel and its expression by the vowel letter א, § 11. 1. a. This latter form, though without an exact parallel, is thus susceptible of ready explanation, and there is no need of resorting to the hypothesis of an error in the text or a confusion of two distinct readings, אָחַזְתָּ and אָחַזְתָּ.

3. Resh commonly receives simple Sh'va, though it has compound in some forms of אָחַזְתָּ, e. g. אָחַזְתָּ Num. 6 : 23, אָחַזְתָּ Gen. 27 : 27.

§ 121. 1. Upon the omission of Daghesh-forte from the second radical the previous vowel is always lengthened before ר, almost always before א, and prevailingy before ע, but rarely before ה or ח. The previous vowel remains short in אָחַזְתָּ to terrify, אָחַזְתָּ to provoke, אָחַזְתָּ to be few, אָחַזְתָּ to shake, and אָחַזְתָּ to cry. It is sometimes lengthened, though not always, in אָחַזְתָּ to make plain, אָחַזְתָּ to commit adultery, אָחַזְתָּ to despise, אָחַזְתָּ to reject, אָחַזְתָּ to ask; אָחַזְתָּ to consume, אָחַזְתָּ to sweep away by a tempest, אָחַזְתָּ to abhor; אָחַזְתָּ to affright, אָחַזְתָּ to be dim, אָחַזְתָּ to lead. It is also lengthened in אָחַזְתָּ to be dull, which only occurs Eccl. 10 : 10. The only instances of

the prolongation of the vowel before ה are לָהֶם Pi. inf. Judg. 5: 8; בָּהֶן Pu. pret. Ezek. 21: 18; הָהֵן Pu. pret. Ps. 36: 13; הִהָרְהֵצְהֵם Job 9: 30, the first two of which may, however, be regarded as nouns. Daghesh-forte is retained and the vowel consequently remains short in בָּהֶן Ezek. 16: 4; רָאִי Job 33: 21, unless the point in the latter example is to be regarded as Mappik, § 26.

2. When not lengthened, Hhirik of the Piel preterite commonly remains unaltered before the guttural, כָּתַרְתָּ Job 15: 18; שָׁתַּחֲוֶה Jer. 12: 10, though it is in two instances changed to Seghol, אָחַרְתָּ Judg. 5: 28; יִחַמְתָּ Ps. 51: 7.

3. When under the influence of a pause accent the guttural receives Kamets, a preceding Pattahh is converted to Seghol, § 63. 1. a. הִחַמְתָּהוּ Ezek. 5: 13; יִחַמְתָּהוּ Num. 23: 19; הִטְחַתְּהוּ Num. 8: 7.

§ 122. 1. הִשְׁבִּיחַ and שָׁאֲזוּן are Piel forms with the third radical reduplicated in place of the second; and הִתְרַחֵם doubles the second syllable; and אֶהְבֶּה Hos. 4: 18, is by the ablest Hebraists regarded as one word, the last two radicals being reduplicated together with the personal ending, § 92. a.

2. סָבַר and שָׁרַשׁ have two forms of the Piel, שָׁרַשׁ and שָׁרַשׁ and סָבַר, § 92. b.; and גָּבַשׁ two forms of the Hithpael, הִתְגַּבְּשׁוּ Jer. 46: 7. 8; מִנְאָץ Isa. 52: 5, follows the analogy of the latter; רָנַצַּח Eccl. 12: 5, is sometimes derived from מִנְאָץ to despise, as if it were for מִנְאָץ; such a form would however be unexampled. The vowels show it to be the Hiphil future of נִיץ or rather נִצְּץ to flourish or blossom, the א being inserted as a vowel letter. § 11. 1. a. נִצְּצוּ Isa. 59: 3. Lam. 4: 14 is a Niphal formed upon the basis of a Pual. § 83. c. (2). הִרְיֹשׁ Ezra 10: 16 is an anomalous infinitive from הִרְיֹשׁ, which some regard as Kal, others as Piel.

LAMEDH GUTTURAL VERBS.

§ 123. Lamedh guttural verbs, or those which have a guttural for their third radical, are affected by the peculiarities of these letters, § 108, in the following manner, viz. :

1. The vowel preceding the third radical becomes Pattahh in the future and imperative Kal, and in the feminine plurals of the future and imperative Piel, Hiphil, and Hithpael, הִשְׁלַח.

2. Tsere preceding the third radical, as in the Piel and Hithpael and in some forms of the other species, may either be changed to Pattahh or retained; in the latter case the guttural takes Pattahh-furtive, § 17, after the long heterogeneous vowel, e. g. הִשְׁלַח or הִשְׁלַח.

3. Hhirik of the Hiphil species, Hholem of the Kal and Niphal infinitives, and Shurek of the Kal passive participle, suffer no change before the final guttural, which receives a Pattalîh-furtive, הַשְׁלִיחַ , שְׁלַח .

4. The guttural retains the simple Sh'va of the perfect verb before all affirmatives beginning with a consonant, though compound Sh'va is substituted for it before suffixes, which are less closely attached to the verb, הַשְׁלַחְתָּ , $\text{הַשְׁלַחְתְּ$.

5. When, however, a personal affirmative consists of a single vowelless letter, as in the second feminine singular of the preterite, the guttural receives a Pattahh-furtive to aid in its pronunciation without sundering it from the affixed termination, הַשְׁלַחְתְּ .

a. Some grammarians regard this as a Pattahh inserted between the guttural and the final vowelless consonant by § 61. 2, and accordingly pronounce הַשְׁלַחְתְּ *shalahhat* instead of *shala'hht*. But as these verbs do not suffer even a compound Sh'va to be inserted before the affixed personal termination, it is scarcely probable that a full vowel would be admitted. And the Dag'hesh-lene in the final Tav and the Sh'va under it show that the preceding vowel sign is not Pattahh but Pattahh-furtive, § 17. *a.*

6. There is no occasion in these verbs for the application of the rule requiring the omission of Dag'hesh-forte from the gutturals.

§ 124. The inflections of Lamedh guttural verbs may be represented by הַשְׁלַח *to send*. The Pual and Hophal, which agree with perfect verbs except in the Pattahh-furtive of the second feminine preterite and of the absolute infinitive, are omitted from the paradigm. The Hithpael of this verb does not occur, but is here formed from analogy, the initial sibilant being transposed with ח of the prefix, according to § 82. 5.

a. Instead of the Niphal infinitive absolute with prefixed ח , which does not happen to occur in any verb of this class, the alternate form with prefixed נ , § 91. *b.* is given in the paradigm, נִשְׁלַח being in actual use.

PARADIGM OF LAMEDH GUTTURAL VERBS.

	KAL.	NIPHAL.	PIEL.	HIPHIL.	HITHPAEL.
PRET. 3 m.	שָׁלַח	נִשְׁלַחַה	שָׁלַחַ	הִשְׁלִיחַה	הִשְׁתַּלַּחַה
3 f.	שָׁלְחָהּ	נִשְׁלַחְהָ	שָׁלְחָהּ	הִשְׁלִיחְהָ	הִשְׁתַּלַּחְהָ
2 m.	שָׁלַחְתָּ	נִשְׁלַחְתָּ	שָׁלַחְתָּ	הִשְׁלַחְתָּ	הִשְׁתַּלַּחְתָּ
2 f.	שָׁלַחְתְּ	נִשְׁלַחְתְּ	שָׁלַחְתְּ	הִשְׁלַחְתְּ	הִשְׁתַּלַּחְתְּ
1 c.	שָׁלַחְתִּי	נִשְׁלַחְתִּי	שָׁלַחְתִּי	הִשְׁלַחְתִּי	הִשְׁתַּלַּחְתִּי
Plur. 3 c.	שָׁלְחוּ	נִשְׁלְחוּ	שָׁלְחוּ	הִשְׁלִיחוּ	הִשְׁתַּלַּחוּ
2 m.	שָׁלַחְתֶּם	נִשְׁלַחְתֶּם	שָׁלַחְתֶּם	הִשְׁלַחְתֶּם	הִשְׁתַּלַּחְתֶּם
2 f.	שָׁלַחְתֶּן	נִשְׁלַחְתֶּן	שָׁלַחְתֶּן	הִשְׁלַחְתֶּן	הִשְׁתַּלַּחְתֶּן
1 c.	שָׁלַחְנוּ	נִשְׁלַחְנוּ	שָׁלַחְנוּ	הִשְׁלַחְנוּ	הִשְׁתַּלַּחְנוּ
INFIN. <i>Absol.</i>	שְׁלֹחַ	נִשְׁלַחַ	שְׁלֹחַ	הִשְׁלִיחַ	—
<i>Constr.</i>	שְׁלֹחַ	הִשְׁלִיחַ	שְׁלֹחַ	הִשְׁלִיחַ	הִשְׁתַּלַּחַ
FUT. 3 m.	יִשְׁלַחַ	יִשְׁלַחַ	יִשְׁלַחַ	יִשְׁלִיחַ	יִשְׁתַּלַּחַ
3 f.	תִּשְׁלַחַ	תִּשְׁלַחַ	תִּשְׁלַחַ	תִּשְׁלִיחַ	תִּשְׁתַּלַּחַ
2 m.	תִּשְׁלַחַ	תִּשְׁלַחַ	תִּשְׁלַחַ	תִּשְׁלִיחַ	תִּשְׁתַּלַּחַ
2 f.	תִּשְׁלַחִי	תִּשְׁלַחִי	תִּשְׁלַחִי	תִּשְׁלִיחִי	תִּשְׁתַּלַּחִי
1 c.	אֶשְׁלַחַ	אֶשְׁלַחַ	אֶשְׁלַחַ	אֶשְׁלִיחַ	אֶשְׁתַּלַּחַ
Plur. 3 m.	יִשְׁלְחוּ	יִשְׁלְחוּ	יִשְׁלְחוּ	יִשְׁלִיחוּ	יִשְׁתַּלַּחוּ
3 f.	תִּשְׁלַחְנָהּ	תִּשְׁלַחְנָהּ	תִּשְׁלַחְנָהּ	תִּשְׁלַחְנָהּ	תִּשְׁתַּלַּחְנָהּ
2 m.	תִּשְׁלַחְוּ	תִּשְׁלַחְוּ	תִּשְׁלַחְוּ	תִּשְׁלַחְוּ	תִּשְׁתַּלַּחְוּ
2 f.	תִּשְׁלַחְנָהּ	תִּשְׁלַחְנָהּ	תִּשְׁלַחְנָהּ	תִּשְׁלַחְנָהּ	תִּשְׁתַּלַּחְנָהּ
1 c.	נִשְׁלַחַ	נִשְׁלַחַ	נִשְׁלַחַ	נִשְׁלִיחַ	נִשְׁתַּלַּחַ
IMPER. 2 m.	שְׁלַחַ	הִשְׁלַחַ	שְׁלַחַ	הִשְׁלַחַ	הִשְׁתַּלַּחַ
2 f.	שְׁלַחִי	הִשְׁלַחִי	שְׁלַחִי	הִשְׁלַחִי	הִשְׁתַּלַּחִי
Plur. 2 m.	שְׁלַחוּ	הִשְׁלַחוּ	שְׁלַחוּ	הִשְׁלַחוּ	הִשְׁתַּלַּחוּ
2 f.	שְׁלַחְנָהּ	הִשְׁלַחְנָהּ	שְׁלַחְנָהּ	הִשְׁלַחְנָהּ	הִשְׁתַּלַּחְנָהּ
PART. <i>Act.</i>	שֹׁלֵחַ		מְשַׁלֵּחַ	מְשַׁלֵּחַ	מְשַׁתַּלֵּחַ
<i>Pass.</i>	שְׁלֹחַת	נִשְׁלַחַת			

REMARKS ON LAMEDII GUTTURAL VERBS.

§ 125. 1. The Kal future and imperative have Pattahh without exception; in one instance the K'thibh inserts ו אסלוח Jer. 5:7. where the K'ri is אסלח. The vowel *a* is retained before suffixes, remaining short in אסלח Am. 9:1, but usually lengthened to Kamets, אסלח 2 Chron. 21:17, אסלח Gen. 23:11. In the paragogic imperative *a* may be retained, אסלח Dan. 9:19, or rejected, and Hhirik given to the first radical, אסלח Job 32:10, אסלח Gen. 43:8. Hhirik appears in אסלח Gen. 25:31, but verbs whose last radical is ר commonly take Kamets Hhatuph like perfect verbs both before paragogic א, and suffixes, אסלח 1 Chron. 29:18, אסלח Prov. 3:3.

2. The Kal infinitive construct mostly has *o*, אסלח Jon. 2:1, אסלח Num. 17:28, אסלח Isa. 54:9, rarely *a*, אסלח Isa. 58:9, אסלח Num. 20:3, אסלח 1 Sam. 15:1. With a feminine ending, the first syllable takes Kamets Hhatuph, אסלח Zeph. 3:11; so sometimes before suffixes, אסלח 2 Sam. 15:12, אסלח Neh. 1:4, אסלח Josh. 6:5, but more commonly Hhirik, אסלח Am. 1:13, אסלח Num. 35:19, אסלח Neh. 8:5, rarely Pattahh, אסלח Ezek. 25:6.

3. Most verbs with final ר have Hholem in the Kal future and imperative. But such as have middle *e* in the preterite take Pattahh, § 82.1. *a*; and in addition the following. viz.: אסלח to shut, אסלח to say, אסלח to honour, אסלח to grow pale, אסלח to shake, אסלח to be rich, אסלח to entreat, אסלח to slip away, אסלח to press, אסלח to drink or be drunken. The following have Pattahh or Hholem, אסלח to decree, אסלח to vow, אסלח fut. *o*, to reap, fut. *a*, to be short.

§ 126. 1. Tserē is almost always changed to Pattahh before the guttural in the preterite, infinitive construct, future and imperative; but it is retained and Pattahh-furtive given to the guttural in pause, and in the infinitive absolute and participle which partake of the character of nouns and prefer lengthened forms. Thus, Niphal: infin. constr. אסלח Esth. 2:8, אסלח Isa. 51:14, future, אסלח Ps. 9:19, אסלח Job 17:3, imperative, even in pause, אסלח. Piel: preterite, אסלח Lev. 14:8, אסלח 2 Chron. 34:4, infin. constr., אסלח Hab. 1:13, אסלח Lam. 2:8, future, אסלח Job 16:13, אסלח 2 Kin. 8:12, אסלח Deut. 7:5, imperative, אסלח Ex. 4:23. Hiphil: apocopated future, אסלח 2 Kin. 18:30, fut. with Vav conversive, אסלח Judg. 4:23, fem. plur., אסלח Ps. 119:171, imperative, אסלח Ps. 86:2, and even in pause, אסלח 1 Kin. 22:12. Hithpael: אסלח Prov. 17:14, אסלח Dan. 11:40, אסלח Ps. 106:47; this species sometimes has Kamets in its pausal forms, אסלח Josh. 9:13, אסלח Ps. 107:27. On the other hand, the absolute infinitives: Piel, אסלח Deut. 22:7. Hiphil, אסלח Isa. 7:11. Hophal, אסלח Ezek. 16:4. Participles: Kal, אסלח Deut. 28:52, but occasionally also in the construct state with Pattahh, אסלח Ps. 94:9, אסלח Isa. 51:15, אסלח Isa. 42:5, אסלח Lev. 11:7, Piel, אסלח 1 Kin. 3:3, Hithpael, אסלח 1 Sam. 21:15. Tserē is retained before suffixes of the second person instead of being either changed to Pattahh or as in perfect

verbs shortened to Seghol, Pi. inf. const. הָשִׁיבָה Deut. 15 : 18, fut. אָשִׁיבָהּ Gen. 31 : 27. There is one instance of Pattahh in the Hiphil inf. const., הוֹשִׁיבֵהוּ Job 6 : 26.

2. In verbs with final ר Pattahh takes the place of Tseré for the most part in the Piel preterite (in pause Tseré), and frequently in the Hithpael (in pause Kamets); but Tseré (in pause Tseré or Pattahh, § 65. a) is commonly retained elsewhere, שָׁבַר Ps. 76 : 4; שָׁבַר Ex. 9 : 25; $\text{תִּתְּנֶהָ$ Prov. 25 : 6; הִתְּנַחֵם Ps. 93 : 1; הִתְּנַחֵם Gen. 22 : 14; הִתְּנַחֵם Gen. 10 : 19; תִּתְּנֶהָ Zeph. 2 : 4. Two verbs have Seghol in the Piel preterite, הָבִיב (in pause, הִבִּיב) and בָּשָׂר .

§ 127. 1. The guttural almost always has Pattahh-furtive in the second fem. sing. of the preterite, הָשִׁיבָהּ Ruth 2 : 8; $\text{שָׁבַתְּ$ Ezek. 16 : 28; הָשִׁיבָהּ Esth. 4 : 14; הָשִׁיבָהּ Ezek. 16 : 4, scarcely ever simple Sh'va, הָשִׁיבָהּ 1 Kin. 14 : 3; הָשִׁיבָהּ Jer. 13 : 5, and never Pattahh (which might arise from the concurrence of consonants at the end of a word, § 61. 2), unless in הָשִׁיבָהּ Gen. 30 : 5, and הָשִׁיבָהּ Gen. 20 : 16, the former of which admits of ready explanation as a construct infinitive, and the latter may be a Niphal participle in the feminine singular, whether it be understood as in the common English version "*she was reproved*," or *it is adjudged* (i. e. justly due as a compensation) to thee; the latest authorities, however, prefer to render it *thou art judged*, i. e. justice is done thee by this indemnification. Pattahh is once inserted before the abbreviated termination of the feminine plural imperative, הָשִׁיבָהּ Gen. 4 : 23 for הָשִׁיבָהּ .

2. The guttural takes compound instead of simple Sh'va before suffixes, not only when it stands at the end of the verb, הָשִׁיבָהּ Num. 24 : 11; הָשִׁיבָהּ Prov. 25 : 17, but also in the first plural of the preterite, הָשִׁיבָהּ Ps. 44 : 18 (הָשִׁיבָהּ ver. 21), הָשִׁיבָהּ Isa. 59 : 12; הָשִׁיבָהּ Ps. 35 : 25; הָשִׁיבָהּ 2 Sam. 21 : 6; הָשִׁיבָהּ Ps. 132 : 6; ר retains simple Sh'va before all personal terminations and suffixes, הָשִׁיבָהּ Judg. 4 : 20; הָשִׁיבָהּ Mal. 1 : 7; הָשִׁיבָהּ Josh. 4 : 23.

3. In a few exceptional cases the letter before the guttural receives compound Sh'va, הָשִׁיבָהּ Isa. 27 : 4; הָשִׁיבָהּ Gen. 2 : 23.

§ 128. The Hiphil infinitive construct once has the feminine ending הָ , הָשִׁיבָהּ Ezek. 24 : 26; הָשִׁיבָהּ Ezek. 16 : 50 for הָשִׁיבָהּ perhaps owes its anomalous form to its being assimilated in termination to the following word, which is a Lamedh He verb. In הָשִׁיבָהּ Am. 8 : 8 K'thibh for הָשִׁיבָהּ the guttural ש is elided, § 53. 3.

PE NUN (פֿ) VERBS.

§ 129. Nun, as the first radical of verbs, has two peculiarities, viz. :

1. At the end of a syllable it is assimilated to the fol-

lowing consonant, the two letters being written as one, and the doubling indicated by Daghesh-forte. This occurs in the Kal future, Niphal preterite and participle, and in the Hiphil and Hophal species throughout; thus, רָגַשׁ becomes רָגַשׁ , written רָגַשׁ , so נָשׂ for נָשׂ , הָגִישׁ for הָגִישׁ . In the Hophal, Kamets Hhatuph becomes Kibbuts before the doubled letter, § 61. 5, שָׁה for שָׁה .

2. In the Kal imperative with Pattahh it is frequently dropped, its sound being easily lost from the beginning of a syllable when it is without a vowel, שָׂ for נָשׂ , § 53. 2. A like rejection occurs in the Kal infinitive construct of a few verbs, the abbreviation being in this case compensated by adding the feminine termination ת ; thus, תָּשׂת for תָּשׂת (by § 63. 2. a), the primary form being נָשׂ .

a. In the Indo-European languages likewise, *n* is frequently conformed to or affected by a following consonant, and in certain circumstances it is liable to rejection, e. g. $\epsilon\gamma\gamma\rho\acute{\alpha}\phi\omega$, $\epsilon\mu\beta\acute{\alpha}\lambda\lambda\omega$, $\sigma\upsilon\sigma\tau\rho\acute{\epsilon}\phi\omega$.

§ 130. 1. The inflections of Pe Nun verbs may be represented by נָשׂ to *approach*. In the Piel, Pual, and Hithpael, they do not differ from perfect verbs. The last column of the paradigm is occupied by the Kal species of נָתַן to *give*, which is peculiar in assimilating its last as well as its first radical, and in having Tsere in the future.

a. The Kal of נָשׂ is used only in the infinitive, future, and imperative, the preterite and participle being supplied by the Niphal, which has substantially the same sense: the missing parts are in the paradigm supplied from analogy.

b. The future of נָתַן has Pattahh in one instance before Makkeph, נָתַן Judg. 16: 5.

PARADIGM OF PE NUN VERBS.

	KAL.	NIPHAL.	HIPHIL.	HOPHAL.	KAL.
PRET. 3 m.	קָנַח	קָנַח	הִקְנִיחַ	הִקְנִיחַ	קָנַח
3 f.	קָנְחָה	קָנְחָה	הִקְנִיחָה	הִקְנִיחָה	קָנְחָה
2 m.	קָנַחְתָּ	קָנַחְתָּ	הִקְנִיחְתָּ	הִקְנִיחְתָּ	קָנַחְתָּ
2 f.	קָנַחְתְּ	קָנַחְתְּ	הִקְנִיחְתְּ	הִקְנִיחְתְּ	קָנַחְתְּ
1 c.	קָנַחְתִּי	קָנַחְתִּי	הִקְנִיחְתִּי	הִקְנִיחְתִּי	קָנַחְתִּי
Plur. 3 c.	קָנְחוּ	קָנְחוּ	הִקְנִיחוּ	הִקְנִיחוּ	קָנְחוּ
2 m.	קָנַחְתֶּם	קָנַחְתֶּם	הִקְנִיחְתֶּם	הִקְנִיחְתֶּם	קָנַחְתֶּם
2 f.	קָנַחְתֶּן	קָנַחְתֶּן	הִקְנִיחְתֶּן	הִקְנִיחְתֶּן	קָנַחְתֶּן
1 c.	קָנַחְתִּם	קָנַחְתִּם	הִקְנִיחְתִּם	הִקְנִיחְתִּם	קָנַחְתִּם
INFIN. <i>Absol.</i>	קָנֹחַ	הִקְנִיחַ	הִקְנִיחַ	הִקְנִיחַ	קָנֹחַ
<i>Constr.</i>	קָנֹחַת	הִקְנִיחַת	הִקְנִיחַת	הִקְנִיחַת	קָנֹחַת
FUT. 3 m.	יִקְנֹחַ	יִקְנֹחַ	יִקְנִיחַ	יִקְנֹחַ	יִקְנֹחַ
3 f.	תִּקְנֹחַ	תִּקְנֹחַ	תִּקְנִיחַ	תִּקְנֹחַ	תִּקְנֹחַ
2 m.	תִּקְנֹחַ	תִּקְנֹחַ	תִּקְנִיחַ	תִּקְנֹחַ	תִּקְנֹחַ
2 f.	תִּקְנֹחִי	תִּקְנֹחִי	תִּקְנִיחִי	תִּקְנֹחִי	תִּקְנֹחִי
1 c.	אֶקְנֹחַ	אֶקְנֹחַ	אֶקְנִיחַ	אֶקְנֹחַ	אֶקְנֹחַ
Plur. 3 m.	יִקְנֹחוּ	יִקְנֹחוּ	יִקְנִיחוּ	יִקְנֹחוּ	יִקְנֹחוּ
3 f.	תִּקְנֹחְנָה	תִּקְנֹחְנָה	תִּקְנִיחְנָה	תִּקְנֹחְנָה	(תִּקְנֹחְנָה)
2 m.	תִּקְנֹחוּ	תִּקְנֹחוּ	תִּקְנִיחוּ	תִּקְנֹחוּ	תִּקְנֹחוּ
2 f.	תִּקְנֹחְנָה	תִּקְנֹחְנָה	תִּקְנִיחְנָה	תִּקְנֹחְנָה	(תִּקְנֹחְנָה)
1 c.	נִקְנֹחַ	נִקְנֹחַ	נִקְנִיחַ	נִקְנֹחַ	נִקְנֹחַ
IMPER. 2 m.	קָנֹחַ	הִקְנִיחַ	הִקְנִיחַ		קָנֹחַ
2 f.	קָנֹחִי	הִקְנִיחִי	הִקְנִיחִי	wanting	קָנֹחִי
Plur. 2 m.	קָנֹחוּ	הִקְנִיחוּ	הִקְנִיחוּ		קָנֹחוּ
2 f.	קָנֹחְנָה	הִקְנִיחְנָה	הִקְנִיחְנָה		(קָנֹחְנָה)
PART. <i>Act.</i>	קָנֹחַ		מִקְנִיחַ		קָנֹחַ
<i>Pass.</i>	קָנֹחַת	קָנֹחַת		קָנֹחַת	קָנֹחַת

REMARKS ON PE NUN VERBS.

§ 131. 1. If the second radical be a guttural or a vowel letter, Nun becomes strong by contrast and is not liable to rejection or assimilation, **נָחַם**: Num. 34: 18, **נָחַם** 2 Kin. 4: 24, **נָחַם** Gen. 24: 48, **נָחַם** Ex. 15: 2. It is, however, always assimilated in **נָחַם**: the Niphal preterite of **נָחַם** to *repent*, and occasionally in **נָחַם** to *descend*, e. g. **נָחַם** Jer. 21: 13, **נָחַם** Prov. 17: 10, **נָחַם** Ps. 38: 3 but **נָחַם** *ibid.*, **נָחַם** Joel 4: 11.

2. Before other consonants the rule for assimilation is observed with rare exceptions, viz.: **נָחַם** Isa. 58: 3, **נָחַם** Ps. 68: 3, **נָחַם** Jer. 3: 5, **נָחַם** Deut. 33: 9 (and occasionally elsewhere), **נָחַם** Job 40: 24, **נָחַם** Isa. 29: 1, **נָחַם** Ezek. 22: 20, **נָחַם** (for **נָחַם**) Num. 5: 22, **נָחַם** (for **נָחַם** with Daghesh-forte separative, § 24. 5) Isa. 33: 1, **נָחַם** Judg. 20: 31.

3. Nun is commonly rejected from the Kal imperative with *a*, **נָחַם** 2 Sam. 1: 15 (once before Makkeph. **נָחַם** Gen. 19: 9. in plural **נָחַם** 1 Kin. 18: 30 and **נָחַם** Josh. 3: 9), **נָחַם** Ex. 3: 5, **נָחַם** Job 1: 11, **נָחַם** Deut. 2: 24, **נָחַם** Ezek. 37: 9, **נָחַם** Gen. 27: 26, though it is occasionally retained, **נָחַם** 2 Kin. 19: 29, **נָחַם** Ps. 10: 12, or by a variant orthography, **נָחַם** Ps. 4: 7 but always elsewhere **נָחַם**. In imperatives with *o*, and in Lamedh He verbs which have *e* in the imperative, Nun is invariably retained, **נָחַם** Prov. 17: 14, **נָחַם** Ps. 24: 14, **נָחַם** Num. 31: 2, **נָחַם** Ps. 58: 7, **נָחַם** Gen. 30: 27, **נָחַם** Ex. 8: 1.

4. The rejection of Nun from the Kal construct infinitive occurs in but few verbs; viz.: **נָחַם** (with suffix, **נָחַם**) from **נָחַם** (once), **נָחַם** (twice) and **נָחַם** from **נָחַם** (once) and **נָחַם** from **נָחַם** has **נָחַם** (by § 60. 3. c), with the preposition **נָחַם** by § 57. 2. (3), once (**נָחַם** § 53. 3) Job 41: 17, once without the feminine ending, **נָחַם** Ps. 89: 10, and twice **נָחַם** has commonly **נָחַם** (for **נָחַם**), with suffixes **נָחַם**, but **נָחַם** Num. 20: 21, and **נָחַם** Gen. 38: 9.

5. The absolute infinitive Niphal appears in the three forms **נָחַם** Jer. 32: 4, **נָחַם** Ps. 68: 3, and **נָחַם** Judg. 20: 39.

6. The **נ** of the prefix in the Hithpael species is in a few instances assimilated to the first radical. § 82. 5. a, **נָחַם** Ezek. 5: 13, **נָחַם** Ezek. 37: 10, Jer. 23: 13, **נָחַם** Num. 24: 7, Dan. 11: 14, **נָחַם** Isa. 52: 5.

§ 132. 1. The last radical of **נָחַם** is assimilated in the Niphal as well as in the Kal species, **נָחַם** Lev. 26: 25. The final Nun of other verbs remains without assimilation, **נָחַם**, **נָחַם**, **נָחַם**. In 2 Sam. 22: 41 **נָחַם** is for **נָחַם** which is found in the parallel passage Ps. 18: 41. **נָחַם** 1 Kin. 6: 19. 17: 14 K'thibh. is probably, as explained by Ewald, the Kal construct infinitive without the feminine ending (**נָחַם**) prolonged by reduplication, which is the case with some other short words, e. g. **נָחַם** from **נָחַם**; **נָחַם** for **נָחַם**; others regard it as the infinitive **נָחַם** with the 3 fem. plur. suffix or with **נָחַם** paragogic; Gesenius takes it to be, as always elsewhere, the

2 masc. sing. of the Kal future. הָיָה Ps. 8:2, is the Kal infin. comp. הָיָה Gen. 46:3, not the 3 fem. sing. pret. for הָיָה (Nordheimer), nor the imperative with paragogic הָ , as הָיָה is always to be explained elsewhere.

2. The peculiarities of Pe Nun verbs are shared by הָיָה *to take*, whose first radical is assimilated or rejected in the same manner as נ . Kal inf. const. הָיָה (with prep. ל , לְהָיָה , to be distinguished from הָיָה 2 fem. sing. pret.), once הָיָה (by § 60, 3. c) 2 Kin. 12:9, with suffixes הָיָה , fut. הָיָה , imper. הָיָה , rarely הָיָה , הָיָה . Hoph. fut. הָיָה , but Niph. pret. הָיָה . In Hos. 11:3 הָיָה is the masculine infinitive with the suffix for הָיָה ; the same form occurs without a suffix, הָיָה Ezek. 17:5, or this may be explained with Gesenius as a preterite for הָיָה .

3. In Isa. 64:5 הָיָה has the form of a Hiphil future from הָיָה , but the sense shows it to be from הָיָה for הָיָה . Daghesh-forte being omitted and the previous vowel lengthened in consequence, § 59. a.

AYIN DOUBLED (עַע) VERBS.

§ 133. The imperfect verbs, thus far considered, differ from the perfect verbs either in the vowels alone or in the consonants alone; those which follow, differ in both vowels and consonants, § 107, and consequently depart much more seriously from the standard paradigm. The widest divergence of all is found in the Ayin doubled and Ayin Vav verbs, in both of which the root gives up its dissyllabic character and is converted into a monosyllable; a common feature, which gives rise to many striking resemblances and even to an occasional interchange of forms.

§ 134. 1. In explaining the inflections peculiar to Ayin doubled verbs, it will be most convenient to separate the intensive species Piel and Pual with their derivative the Hithpael from the other four. That which gives rise to all their peculiar forms in the Kal, Niphil, Hiphil, and Hophal species, is the disposition to avoid the repetition of the same sound by uniting the two similar radicals and giving the intervening vowel to the previous letter, thus, עָב for עָבַב , עָב for עָבַב § 61. 3.

2. In the Kal species this contraction is optional in the preterite; it is rare in the infinitive absolute though usual in

the construct, and it never occurs in the participles. With these exceptions, it is universal in the species already named.

§ 135. This contraction produces certain changes both in the vowel, which is thrown back, and in that of the preceding syllable.

1. When the first radical has a vowel (pretonic Kamets, § 82. 1), as in the Kal preterite and infinitive absolute, and in the Niphal infinitive, future and imperative, this is simply displaced by the vowel thrown back from the second radical, thus קָבַב , קָבַב , קָבַב , קָבַב ; הִסָּבַב , הִסָּבַב ; הִסָּבַב , הִסָּבַב .

2. When the first radical ends a mixed syllable as in the Kal future, the Niphal preterite, and throughout the Hiphil and Hophal, this will be converted into a simple syllable by the shifting of the vowel from the second radical to the first, whence arise the following mutations :

In the Kal future יִסָּבַב becomes יִסָּב with *ı̄* in a simple syllable, contrary to § 18. 2. This may, however, be converted into a mixed syllable by means of Daghesh-forte, and the short vowel be retained, thus יִסָּב ; or the syllable may remain simple and the vowel be lengthened from Hhirik to Tsere, § 59, thus, in verbs fut. *a*, יִמָּר for יִמָּר ; or as the Hhirik of this tense is not an original vowel but has arisen from Sh'va, § 85. 2. *a* (1), it may be neglected and *ā*, the simplest of the long vowels, given to the preformative, which is the most common expedient, thus יִסָּב . The three possible forms of this tense are consequently יִסָּב , יִסָּב and יִמָּר .

In the Niphal preterite נִסָּבַב becomes by contraction נִסָּב . In a few verbs beginning with ה the short vowel is retained in an intermediate syllable, thus נִמָּר for נִמָּר ; in other cases Hhirik is lengthened to Tsere, נִמָּר for נִמָּר , or as the Hhirik is not essential to the form but has arisen from Sh'va, § 82. 2, it is more frequently neglected, and Kamets, the simplest of the long vowels, substituted in its place, thus נִסָּב . The forms of this tense are, therefore, נִסָּב , נִמָּר , נִמָּר .

In the Hiphil and Hophal species the vowels of the pre-

fixed ה are characteristic and essential. They must, therefore, either be retained by inserting Daghesth-forie in the first radical, or be simply lengthened; no other vowel can be substituted for them, הָסָב for הֶסְבִּיב, וָסָב or וְסָב for וְסִבִּיב, הָסָב (Kibbuts before the doubled letter by § 61. 5) or הֶסְבָּב for הֶסְבִּב.

3. The vowel, which is thrown back from the second radical to the first, stands no longer before a single consonant, but before one which, though single in appearance, is in reality equivalent to two. It is consequently subjected to the compression which affects vowels so situated, § 61. 4. Thus, in the Niphal future and imperative Tsere is compressed to Pattaluh, וְסָבָב, וָסָב; הָסָב, הֶסְבָּב (comp. קָטַלְתָּ, קָטַל) though it remains in the infinitive which, partaking of the character of a noun, prefers longer forms. So in the Hiphil long Hhirik is compressed to Tsere, הָסָב, הֶסְבִּיב (comp. וְקָטַלְתָּ, וְקָטַל).

§ 136. Although the letter, into which the second and third radicals have been contracted, represents two consonants, the doubling cannot be made to appear at the end of the word. But

1. When in the course of inflection a vowel is added, the letter receives Daghesth-forie, and the preceding vowel, even where it would be dropped in perfect verbs, is retained to make the doubling possible, and hence preserves its accent, § 33. 1, וְסָבִי, וְסָבָה.

2. Upon the addition of a personal ending which begins with a consonant, the utterance of the doubled letter is aided by inserting one of the diphthongal vowels, *ō* (ו) in the preterite, and *e* (י) in the future. By the dissyllabic appendage thus formed the accent is carried forward, § 32, and the previous part of the word is shortened in consequence as much as possible, הָסָב, הֶסְבִּיב; וָסָב, וְסִבִּיבָה.

3. When by the operation of the rules already given, § 135. 2, the first radical has been doubled, the reduplication of the last radical is frequently omitted in order to

relieve the word of too many doubled letters. In this case the retention of the vowel before the last radical, contrary to the analogy of perfect verbs, and the insertion of a vowel after it, are alike unnecessary, and the accent takes its accustomed position, **הַשְׁבִּיחַ**, **רָצַבְתִּי**.

§ 137. The Piel, Pual, and Hithpael sometimes preserve the regular form, as **הִלְלֵל**, **הִלְלֵלְתִּי**, **הִתְהַלְלֵל**. The triple repetition of the same letter thus caused is in a few instances avoided, however, by reduplicating the contracted root with appropriate vowels, as **הִתְקַלְקַלְתִּי**, **הִתְקַלְקַלְתִּי**. Or more commonly, the reduplication is given up and the idea of intensity conveyed by the simple prolongation of the root, the long vowel Hholem being inserted after the first radical for this purpose, as **הִתְגַּלְגַּל**, **סִיבְב**.

§ 138. In the following paradigm the inflections of Ayin doubled verbs are shown by the example of **סָבַב** to surround. The Pual is omitted, as this species almost invariably follows the inflections of the perfect verb; certain persons of the Hophal, of which there is no example, are likewise omitted. An instance of Piel, with the radical syllable reduplicated, is given in **הִתְעַצְעַץ** to excite.

a. The Hithpael of **סָבַב** does not actually occur; but it is in the paradigm formed from analogy, the initial sibilant being transposed with the **ח** of the prefix, agreeably to § 82. 5.

b. In his Manual Lexicon, Gesenius gives to **הִתְעַצְעַץ** the meaning to arm, but the best authorities prefer the definition subsequently introduced by him into his Thesaurus, to excite.

PARADIGM OF AYIN

	KAL.		NIPHAL.	PIEL.
PRET. 3 m.	סָבַב	סָב	נָסַב	סִבַּב
3 f.	סָבְבָה	סָבְהָ	נָסְבָה	סִבְבְּהָ
2 m.	(סָבְבָתָּ)	סָבְבָתָּ	נָסְבָתָּ	סִבְבְּתָּ
2 f.	(סָבְבָתְּ)	סָבְבָתְּ	נָסְבָתְּ	סִבְבְּתְּ
1 c.	סָבְבָתִי	סָבְבָתִי	נָסְבָתִי	סִבְבְּתִי
Plur. 3 c.	סָבְבוּ	סָבוּ	נָסְבוּ	סִבְבוּ
2 m.	(סָבְבֻתֶם)	סָבְבֻתֶם	נָסְבֻתֶם	סִבְבֻּתֶם
2 f.	(סָבְבֻתְּנָן)	סָבְבֻתְּנָן	נָסְבֻתְּנָן	סִבְבֻּתְּנָן
1 c.	סָבְבֻנִי	סָבְבֻנִי	נָסְבֻנִי	סִבְבֻּנִי
INFIN. <i>Absol.</i>	סָבֹב	סָב	הִסְבֹּב	סִבֹּב
<i>Constr.</i>	סָבֵב	סָבֵב	הִסְבֵּב	סִבֵּב
FUT. 3 m.	יִסְבֵּב	יִסֵּב	יִסְבֵּב	יִסְבֵּב
3 f.	תִּסְבֵּב	תִּסֵּב	תִּסְבֵּב	תִּסְבֵּב
2 m.	תִּסְבֵּב	תִּסֵּב	תִּסְבֵּב	תִּסְבֵּב
2 f.	תִּסְבְּבִי	תִּסְבְּבִי	תִּסְבְּבִי	תִּסְבְּבִי
1 c.	אִסְבֵּב	אִסֵּב	אִסְבֵּב	אִסְבֵּב
Plur. 3 m.	יִסְבְּבוּ	יִסְבְּבוּ	יִסְבְּבוּ	יִסְבְּבוּ
3 f.	תִּסְבְּבֶנָּה	תִּסְבְּבֶנָּה	תִּסְבְּבֶנָּה	תִּסְבְּבֶנָּה
2 m.	תִּסְבְּבוּ	תִּסְבְּבוּ	תִּסְבְּבוּ	תִּסְבְּבוּ
2 f.	תִּסְבְּבֶינָּה	תִּסְבְּבֶינָּה	תִּסְבְּבֶינָּה	תִּסְבְּבֶינָּה
1 c.	נָסַב	נָסַב	נָסַב	נָסַב
IMPER. 2 m.	סָב		הִסְבֵּב	סִבֵּב
2 f.	סָבִי		הִסְבְּבִי	סִבְבְּבִי
Plur. 2 m.	סָבוּ		הִסְבְּבוּ	סִבְבוּ
2 f.	סָבִינָּה		הִסְבְּבֶנָּה	סִבְבְּבֶנָּה
PART. <i>Act.</i>	סָבֵב			סִבֵּב
<i>Pass.</i>	סָבוּב		נָסֵב	

DOUBLED VERBS.

HIPHIL.	HOPHAL.	HITHPAEL.	PIEL.
הִסָּב	הוּסַב	הִסְתַּוֵּבֵב	סָבַסְבַּ
הִסָּבָה	הוּסַבָּה	הִסְתַּוֵּבְבָה	סָבַסְבְּבָה
הִסְבִּיחַ		הִסְתַּוֵּבְבַחַת	סָבַסְבַּחַת
הִסְבִּיחַת		הִסְתַּוֵּבְבַחַת	סָבַסְבַּחַת
הִסְבִּיחֵי		הִסְתַּוֵּבְבַחֵי	סָבַסְבַּחֵי
הִסְבִּיחֵי	הוּסַבֵּי	הִסְתַּוֵּבְבַּי	סָבַסְבְּבֵי
הִסְבִּיחֵם		הִסְתַּוֵּבְבַחֵם	סָבַסְבַּחֵם
הִסְבִּיחֶיךָ		הִסְתַּוֵּבְבַחֶיךָ	סָבַסְבַּחֶיךָ
הִסְבִּיחֵנוּ		הִסְתַּוֵּבְבַחֵנוּ	סָבַסְבַּחֵנוּ
הִסָּב			סָבַסְבַּ
הִסָּב		הִסְתַּוֵּבֵב	סָבַסְבַּ
הִסָּב	יִסָּב	יִסְתַּוֵּבֵב	יִסְבַּסְבַּ
הִסָּבָה	תִּסָּב	תִּסְתַּוֵּבֵב	תִּסְבַּסְבַּ
הִסָּבָה	תִּסָּבָה	תִּסְתַּוֵּבְבָה	תִּסְבַּסְבְּבָה
הִסָּבֵי	תִּסָּבֵי	תִּסְתַּוֵּבְבֵי	תִּסְבַּסְבְּבֵי
הִסָּב	אִסָּב	אִסְתַּוֵּבֵב	אִסְבַּסְבַּ
הִסָּבֵי	יִסָּבֵי	יִסְתַּוֵּבְבֵי	יִסְבַּסְבְּבֵי
הִסָּבֶיךָ		תִּסְתַּוֵּבְבְּכָה	תִּסְבַּסְבְּבְּכָה
הִסָּבֵי	תִּסָּבֵי	תִּסְתַּוֵּבְבֵי	תִּסְבַּסְבְּבֵי
הִסָּבֶיךָ		תִּסְתַּוֵּבְבְּכָה	תִּסְבַּסְבְּבְּכָה
נִסָּב	נִיֶּסַב	נִסְתַּוֵּבֵב	נִסְבַּסְבַּ
הִסָּב		הִסְתַּוֵּבֵב	סָבַסְבַּ
הִסָּבֵי	wanting	הִסְתַּוֵּבְבֵי	סָבַסְבְּבֵי
הִסָּבֵי		הִסְתַּוֵּבְבֵי	סָבַסְבְּבֵי
הִסָּבֶיךָ		הִסְתַּוֵּבְבְּכָה	סָבַסְבְּבְּכָה
נִיֶּסַב		נִיֶּסַבֵּב	נִיֶּסַבְבַּ
	נִיֶּסַב		

few instances the Hhirik of the perfect paradigm is retained in the last syllable of this species as in Ayin Vav verbs, *מָסַיִךְ* Judg. 3: 21, *נָשִׂים* Jer. 49: 20, *נִנְשָׂים* Num. 21: 30.

6. Hophal preterites: *הוֹחֵל*, *הוֹחֵהָ*, *הוֹחֵבֵי*; futures: *יִוָּחַל*, *יִוָּחַר*, *יִוָּחַר*, *יִוָּחַר*; participles: *מוֹחֵל*, *מוֹחֵר* or in some copies *הוֹחֵל* 2 Sam. 23: 6; infinitive with suffix, *הוֹחֵלָה* Lev. 26: 34, with prep., *בְּהוֹחֵלָה* ver. 43.

§ 141. 1. Upon the addition of a vowel affix and the consequent insertion of Dagghesh-forte in the last radical, the preceding vowel and the position of the accent continue unchanged, *וָכַח*, *וָכַחֵהוּ*, *וָכַחֵהוּ* (distinguished from the fem. part. *וָכַחֵהָ*), *וָחַל*; if the last radical does not admit Dagghesh-forte a preceding Pattahh sometimes remains short before ה, but it is lengthened to Kamets before other gutturals, *וָחַלָה* (100. 2), *וָחַלָה* and *וָחַלָה*. When the first radical is doubled, Dagghesh is omitted from the last in the Kal fut. *וָחַל*, *וָחַלָה*, and occasionally elsewhere *וָחַלָה* Hi. fut. *וָחַלָה* Ho. pret. Other cases are exceptional, whether of the shifting of the accent, *וָחַל* Ps. 3: 2, *וָחַל* Ps. 55: 22, *וָחַל* Jer. 4: 13, and consequent shortening of the vowel, *וָחַל* Jer. 7: 29 for *וָחַל*, *וָחַל* for *וָחַל* Jer. 49: 28 (with the letter repeated instead of being simply doubled by Dagghesh, so likewise in *וָחַל* Jer. 5: 6, *וָחַל* Ps. 9: 14) for *וָחַל*; the omission of Dagghesh, *וָחַל* 1 Sam. 14: 36, *וָחַל* Prov. 7: 13, *וָחַל* Cant. 6: 11, 7: 13, *וָחַל* Job 19: 23, *וָחַל* Num. 22: 11, 17 (Kal imper. with ה, parag. for *וָחַל* shortened by Makkeph from *וָחַל*, so *וָחַל* *orā* Num. 23: 7), or in addition, the rejection of the vowel, *וָחַל* K. fut. Gen. 11: 6 for *וָחַל* Gen. 11: 7 K. fut. for *וָחַל* Isa. 19: 3 Ni. pret. for *וָחַל* or *וָחַל* Ezek. 41: 7 Ni. fut. for *וָחַל*; *וָחַל* Judg. 5: 5 according to Gesenius for *וָחַל* Ni. pret. of *וָחַל* to shake, according to others K. pret. of *וָחַל* to flow; *וָחַל* Ezek. 36: 3 for *וָחַל* (Ewald) from *וָחַל* to enter, or for *וָחַל* Ni. fut. of *וָחַל* to go up, *וָחַל* Ezek. 7: 24 Ni. pret. for *וָחַל*, *וָחַל* Cant. 1: 6 Ni. pret. for *וָחַל*. Once instead of doubling the last radical ו is inserted, *וָחַל* Prov. 26: 7 for *וָחַל*, comp. *וָחַל* Ezr. 10: 16 for *וָחַל*.

2. Upon the insertion of a vowel before affixes beginning with a consonant, the accent is shifted and the previous part of the word shortened if possible; thus, with *o* in the preterite, *וָחַל*, *וָחַלָה* (Kamets before ו which cannot be doubled), *וָחַלָה*, *וָחַלָה* (the vowel remaining long before ה), *וָחַלָה* (Pattahh instead of compound Sh'va on account of the following guttural. § 60. 3. c), *וָחַלָה*, once with *u*, *וָחַל* Mic. 2: 4; with *e* in the future, *וָחַל*, *וָחַלָה*. If the first radical be doubled, Dagghesh is omitted from the last, and the customary vowel is in consequence not inserted, *וָחַל*; other cases are rare and exceptional, *וָחַל*, *וָחַל*, *וָחַל* which is first plur. pret. for *וָחַל* not third plur. for *וָחַל* (Ewald), § 54. 3; *וָחַל* Deut. 32: 41, *וָחַל* Isa. 44: 16, *וָחַל* Ps. 116: 6, have the accent upon the ultimate instead of the penult.

3. Before suffixes the accent is always shifted, and if possible the vowels shortened, *וָחַל* from *וָחַל*, *וָחַל* from *וָחַל*, *וָחַל* from *וָחַל*.

from הָרָם from הָרַם; in הָרַחַק Gen. 43:29, Isa. 30:19, from הָרַחַק, הָרַחַק Lev. 26:15 from הָרַחַק, the original vowels have been not only abbreviated but rejected, and the requisite short vowel given to the first of the concurring consonants, § 61. 1. In a very few instances a form resembling that of Ayin Vav verbs is assumed, Dagdash being omitted from the last radical and the preceding vowel lengthened in consequence, חוּרְקוּ Prov. 8:29 for חָרוּקוּ ver. 27, הָרַחַקוּ Isa. 33:1 for הָרַחַקוּ Ezek. 14:8 for הַשְׁמֹחֲתִיהוּ, הָרַחַקוּ Lam. 1:8 for הָרַחַקוּ Hi. pret. of חָרַקוּ Hab. 2:17 for חָרַקוּ Hi. fut. of חָרַח with 3 fem. plur. suf. אֲרַקֶם 2 Sam. 22:43 in a few editions for אֲרַקֶם. Nun is once inserted before the suffix in place of doubling the radical, קָבֹנוּ Num. 23:13 for קָבֹנוּ.

§ 141. 1. Of the verbs which occur in Piel, Pual, or Hithpael, the following adopt the forms of perfect verbs, viz. :

אָרַר to curse.	רָבַב to cry.	קָנַן to make a nest.
בָּזַז to plunder.	כָּחַח to smite, break.	קָצַץ to cut off.
בָּרַר to purify.	לָבַב to take away the heart.	רָבַב to be many.
גָּשַׁשׁ to grope.	לָקַק to lick.	רָבֵהּ to be tender.
זָקַף to refine.	מָשַׁשׁ to feel, to grope.	טָרַד to harrow.
חָמַם to warm.	פָּוַז to leap.	טָרַר to rule.
חָצַץ to divide.	פָּלַל to judge, to intercede.	טָשְׁן to sharpen.
חָתַח to be broken.		תָּמַם to be perfect.
כָּלַל to cover.		

2. The following, which are mostly suggestive of a short, quick, repeated motion, reduplicate the radical syllable, viz. :

חָרַר to burn.	בָּהַה to linger.	שָׂשַׁע to sport, delight.
כָּרַר to dance.	סָבַהּ to excite.	רָנַרַן to run.
לָהַה to be mad.	צָחַח to chirp.	הָשַׁח to mock.

3. The following insert Hholem after the first radical, viz. :

אָנַח to complain.	נָוַח to fly.	רָעַח to break.
בָּלַח to mix.	נָסַח to lift up.	שָׁחַח to sink.
בָּקַח to empty.	סָשַׁח to occupy the threshold.	שָׁלַח to spoil.
גָּרַח to cut.		שָׁמַח to be desolate or amazed.
הָרַח to sweep away.	צָרַח to bind.	תָּשַׁח to beat.
הָמַח to be still.	קָסַח to cut off.	
חָרַח to break loose	קָשַׁח to gather.	

4. The following employ two forms, commonly in different senses, viz. :

גָּרַלַל and גוּלַל to roll.	הָרַחַח to make gracious, חוּרְקוּ to be gracious.
הָשַׁלַל to praise, הוּלַל to make mad.	
הָשַׁלַל to profane, הוּלַל to wound.	מַיַלַל to speak, מוּלַל to mow.

סָבַב to *change*, סוּבַב to *surround*. קָלַל to *curse*, קָלַלְתָּ to *whet*.
 גָּזַז to *gather clouds*, עוֹזֵז to *practise sorcery*. רָצַץ and רֹצֵץ to *crush*.
 פּוֹרַר to *burst*, פָּרַר to *shake to pieces*. שָׁדַד and שָׁדַד to *treat with violence*.

5. The following use different forms in different species, viz.:

חָקַק Pi. to *decree*, Pu. חָקַק. רָעַן Pi. to *shout*, Hith. הִתְרַעַן.*
 מָדַד Pi. to *measure*, Hith. הִתְמַדַּד. רָשַׁשׁ Pi. to *break*, Pu. רָשַׁשׁ.
 מָרַר Pi. to *make bitter*, Hith. הִתְמַרְמַר. שָׁנַן Pi. to *inculcate*, Hith. הִשְׁתַּשְׁנַן
 סָקַסַל Pi. to *exalt*, Hith. הִסְתַּקְּלַל. to *pierce*.
 מָלַט Pi. to *maltreat*, Hith. הִתְמַלְּטַל
 and הִתְמַלְּטַל.

6. The following examples exhibit the effect of gutturals upon reduplicated forms: Preterite, שָׁשַׁשׁ Isa. 11:8; Infinitive, לְתַרְתֵּר Prov. 26:21, הִתְמַהֲמַה Ex. 12:39; Future, אֲשַׁשֶּׁשׁ Ps. 119:47, וְשַׁשֶּׁשׁ Ps. 94:19; Imperative, הִשְׁתַּשְׁשֵׁנָה Isa. 29:9; Participle, מִתְשַׁשֵּׁת Gen. 27:12, מִהֲלִלְהִלָּה Prov. 26:18.

§ 142. 1. The Pual species adheres to the analogy of perfect verbs with the exception of the preterites, נִדַּד Nah. 3:17, כוּלַל Lam. 1:12, the future: הִשְׁתַּשְׁשֵׁנָה Isa. 66:12, and the participles, מְיַקְּלֵל Isa. 9:4, מְחַלְּלֵל Isa. 53:5.

2. יִשְׁעֵי: Isa. 15:5 is for יִשְׁעֵי: Pi. fut. of יָעַר. § 57. 1. הִתְהַבֵּר 2 Sam. 22:7 is contracted for הִתְהַבֵּר Ps. 18:27, probably with the view of assimilating it in form to the preceding הִתְהַמַּב; in regard to הִתְהַפַּל in the same verse, Nordheimer adopts the explanation of Altling that it is a similar contraction of the Hithpael of פָּלַל *thou wilt show thyself a judge*, but as it answers to הִתְהַפַּל Ps. 18:27, the best authorities are almost unanimous in supposing a transposition of the second radical with the first and its union with ה of the prefix.

3. הִלַּל and הִלְלֵל. The prefixed ה remains in the Hiphil future of הִלַּל, e. g. הִלְלֵנִי, הִלְלֵנִי, הִלְלֵנִי and in the derivative nouns הִלְלֵי, הִלְלֵי, whence these forms are in the lexicons referred to the secondary root הִלַּל.

PE YODH (פִּי) VERBS.

§ 143. In quiescent verbs one of the original radicals is א, ר or י, which in certain forms is converted into or exchanged for a vowel. As א preserves its consonantal character when occupying the second place in the root, and also

* מְתוֹדֵן Ps. 78:65 is not from דוּן (Gesenius) but from דָּוַן, see Alexander in loc.

(with the exception of the Pe Aleph future, § 110. 3, and a few occasional forms, § 111. 2) when it stands in the first place, verbs having this letter as a first or second radical belong to the guttural class; those only in which it is the third radical (Lamedh Aleph) are properly reckoned quiescent. On the other hand, if the first, second, or third radical be either Yodh or Vav, the verb is classed as quiescent. All verbs into which either ו or י enter as a first radical are promiscuously called Pe Yodh, as the modes of inflection arising from these two letters have been blended, and Yodh in either case appears in the Kal preterite from which roots are ordinarily named, § 83. *a*. In the second radical the Vav forms (Ayin Vav) preponderate greatly over those with Yodh (Ayin Yodh). In the third radical the Yodh forms have almost entirely superseded those with Vav, though the current denomination of the verbs is derived from neither of these letters but from He (Lamedh He), which is used to express the final vowel of the root in the Kal preterite after the proper radical has been rejected.

a. Verbs whose third radical is the consonant ה belong to the guttural class, e. g. אָבַח, אָבַח, and are quite distinct from the quiescent verbs לָה in which ה always represents a vowel, e. g. אָבַח, אָבַח.

§ 144. 1. In Pe Yodh verbs the first radical is mostly Yodh at the beginning, § 56. 2, and Vav at the close of a syllable. It is accordingly Yodh in the Kal, Piel, and Pual species, and commonly in the Hithpacl, אָבַח, אָבַח, אָבַח, אָבַח. It is Vav in the Niphal and commonly in the Hiphil and Hophal species, אָבַח, אָבַח, אָבַח.

2. In the Kal future, if Yodh be retained, it will quiesce in and prolong the previous Hhirik, and the second radical will take Pattahh, e. g. אָבַח; if the first radical be rejected the previous Hhirik is commonly lengthened to Tsere, אָבַח, the Pattahh of the second syllable being sometimes changed to Tsere to correspond with it, § 63. 2. *c*, e. g. אָבַח; in a few instances Hhirik is preserved by giving Daghesth-forte to the

second radical as in Pe Nun verbs, the following vowel being either Pattahl or Hholem, רָצַק, רָצִיחַ.

3. Those verbs which reject Yodh in the Kal future, reject it likewise in the imperative and infinitive construct, where it would be accompanied by Sh'va at the beginning of a syllable, § 53. 2. *a*, the infinitive being prolonged as in Pe Nun verbs by the feminine termination, שָׁב, שָׁבֹתָ.

§ 145. 1. In the Niphal preterite and participle Vav quiesces in its homogeneous vowel Hholem, נוֹשֵׁב, נוֹשְׁבָה; in the infinitive, future, and imperative, where it is doubled by Daghesh-forte, it retains its consonantal character, הִנְשֵׁב, הִנְשִׁיב.

2. In the Hiphil Vav quiesces in Hholem, הוֹשִׁיב, הוֹשִׁיבָה; a few verbs have Yodh quiescing in Tsere, הוֹשִׁיב, הוֹשִׁיבָה; more rarely still, the first radical is dropped and the preceding short vowel is preserved, as in Pe Nun verbs, by doubling the second radical, הִצִּיב, הִצִּיבָה.

3. In the Hophal Vav quiesces in Shurek, הוֹשֵׁב, הוֹשֵׁבָה; occasionally the short vowel is preserved and Daghesh-forte inserted in the second radical, הִצֵּב, הִצֵּבָה.

a. The Hholem or Tsere of the Hiphil arises from the combination of *a*. the primary vowel of the first syllable in this species. § 82. 5. *b*. (3), with *u* or *i*, into which the letters ו and י are readily softened, § 57. 2. (5). The Hholem of the Niphal is to be similarly explained: the Hhirik of this species, which has arisen from Sh'va and cannot combine with Vav, is exchanged for the simplest of the vowels *a* (comp. נָשַׁב, נָשַׁבָה), and the union of this with ו forms *o*. The Hophal retains the passive vowel *u*, which is occasionally found in perfect verbs, § 95. *a*.

§ 146. The inflections of Pe Yodh verbs may be represented by those of נוֹשֵׁב *to sit* or *dwell*. The Piel, Pual, and Hithpael are omitted from the paradigm, as they do not differ from perfect verbs. The alternate form of the Kal future is shown by the example of הִיָּבֵשׁ *to be dry*.

PARADIGM OF PE YODH VERBS.

	KAL.	NIPHAL.	HIPHAL.	HOPHAL.	KAL.
PRET. 3 m.	יָשַׁב	נָשַׁב	הוֹשִׁיב	הוֹשַׁב	יָשַׁב
3 f.	יָשְׁבָה	נָשְׁבָה	הוֹשִׁיבָה	הוֹשַׁבָה	יָשְׁבָה
2 m.	יָשַׁבְתָּ	נָשַׁבְתָּ	הוֹשִׁיבְתָּ	הוֹשַׁבְתָּ	יָשַׁבְתָּ
2 f.	יָשַׁבְתְּ	נָשַׁבְתְּ	הוֹשִׁיבְתְּ	הוֹשַׁבְתְּ	יָשַׁבְתְּ
1 c.	יָשַׁבְתִּי	נָשַׁבְתִּי	הוֹשִׁיבְתִּי	הוֹשַׁבְתִּי	יָשַׁבְתִּי
Plur. 3 c.	יָשְׁבוּ	נָשְׁבוּ	הוֹשִׁיבוּ	הוֹשַׁבוּ	יָשְׁבוּ
2 m.	יָשַׁבְתֶּם	נָשַׁבְתֶּם	הוֹשִׁיבְתֶּם	הוֹשַׁבְתֶּם	יָשַׁבְתֶּם
2 f.	יָשַׁבְתֶּן	נָשַׁבְתֶּן	הוֹשִׁיבְתֶּן	הוֹשַׁבְתֶּן	יָשַׁבְתֶּן
1 c.	יָשַׁבְנוּ	נָשַׁבְנוּ	הוֹשִׁיבְנוּ	הוֹשַׁבְנוּ	יָשַׁבְנוּ
INFIN. <i>Absol.</i>	יָשׁוּב		הוֹשִׁיב		יָבוֹשׁ
<i>Constr.</i>	שָׁבַת	הוֹשֵׁב	הוֹשִׁיב	הוֹשַׁב	יָבוֹשׁ
FUT. 3 m.	יָשֵׁב	וְנָשֵׁב	וְהוֹשִׁיב	וְהוֹשַׁב	וְיָבוֹשׁ
3 f.	תָּשֵׁב	תִּנָּשֵׁב	תִּהְיוּשִׁיב	תִּהְיוּשַׁב	תִּיָבוֹשׁ
2 m.	תָּשֵׁב	תִּנָּשֵׁב	תִּהְיוּשִׁיב	תִּהְיוּשַׁב	תִּיָבוֹשׁ
2 f.	תָּשֵׁבִי	תִּנָּשֵׁבִי	תִּהְיוּשִׁיבִי	תִּהְיוּשַׁבִּי	תִּיָבוֹשִׁי
1 c.	אָשֵׁב	אֶנָּשֵׁב	אֶהְיוּשִׁיב	אֶהְיוּשַׁב	אֶיָבוֹשׁ
Plur. 3 m.	יָשְׁבוּ	וְנָשְׁבוּ	וְהוֹשִׁיבוּ	וְהוֹשַׁבוּ	וְיָבוֹשׁוּ
3 f.	תָּשַׁבְנָה	תִּנָּשַׁבְנָה	תִּהְיוּשַׁבְנָה	תִּהְיוּשַׁבְנָה	תִּיָבוֹשְׁנָה
2 m.	תָּשַׁבּוּ	תִּנָּשַׁבּוּ	תִּהְיוּשַׁבּוּ	תִּהְיוּשַׁבּוּ	תִּיָבוֹשׁוּ
2 f.	תָּשַׁבְנָה	תִּנָּשַׁבְנָה	תִּהְיוּשַׁבְנָה	תִּהְיוּשַׁבְנָה	תִּיָבוֹשְׁנָה
1 c.	נָשֵׁב	נֶאֱשַׁב	נֶהְיוּשִׁיב	נֶהְיוּשַׁב	נֶיָבוֹשׁ
IMPER. 2 m.	שֵׁב	הוֹשֵׁב	הוֹשִׁיב		יָבוֹשׁ
2 f.	שֵׁבִי	הוֹשֵׁבִי	הוֹשִׁיבִי	wanting	יָבוֹשִׁי
Plur. 2 m.	שִׁבוּ	הוֹשִׁבוּ	הוֹשִׁיבוּ		יָבוֹשׁוּ
2 f.	שִׁבְנָה	הוֹשִׁבְנָה	הוֹשִׁיבְנָה		יָבוֹשְׁנָה
PART. <i>Act.</i>	יֹשֵׁב		מוֹשִׁיב		יָבוֹשׁ
<i>Pass.</i>	יָשׁוּב	נֹשֵׁב		מוֹשַׁב	יָבוֹשׁ

REMARKS ON PE YODH VERBS.

§147. 1. The following verbs retain Yodh in the Kal future, viz. :

יָבֵשׁ <i>to be dry.</i>	יָסַךְ <i>to be poured.</i>	יָרָא <i>to fear.</i>
יָלַג <i>to toil.</i>	יָרַר <i>to appoint.</i>	יָרַח <i>to cast.</i>
יָחַר <i>to delay.</i>	יָחַף <i>to be weary.</i>	יָרַשׁ <i>to possess.</i>
יָנַח <i>to oppress.</i>	יָחַץ <i>to counsel.</i>	יָשַׁם <i>to put.</i>
יָצַק <i>to suck.</i>	יָחַף <i>to be beautiful.</i>	יָשַׁן <i>to sleep.</i>

The concurrence of Yodhs in the third person of the future is sometimes prevented by omitting the quiescent יָבֵשׁ, יָרָא, יָרַח, the long vowel receiving Methegh before vocal Sh'va, and thus distinguishing the last two words from the Lamedh He forms, יָרַח from יָרַח and יָרַח from יָרַח, §45. 2.

2. The following have Tsere under the preformative; those in which the second vowel is likewise Tsere are distinguished by an asterisk :

יָדַע <i>to know.</i>	* יָדַר <i>to bear.</i>	יָדַע <i>to be dislocated.</i>
יָדַח <i>to be joined.</i>	* יָצָא <i>to go out.</i>	* יָדַח <i>to go down.</i>
יָחַם <i>to conceive.</i>	יָצַר <i>to be straitened.</i>	* יָשַׁב <i>to sit, dwell.</i>

The second syllable has Pattahh in יָדַח Jer. 13: 17, Lam. 3: 48, and in the feminine plurals, יָדַח, יָדַח, יָדַח has Seghol after the analogy of Lamedh Aleph verbs; יָדַח (with the vowel-letter י for e) occurs only in the K'thibh, Ezek. 35: 9. and of course has not its proper vowels. In יָדַח Ps. 138: 6 the radical Yodh remains and has attracted to itself the Tsere of the preformative. Comp. §60. 3. c.

3. The following insert Daghesh-forte in the second radical, viz. : יָדַח *to chastise, instruct, יָדַח to burn.* In יָדַח Isa. 44: 8 short Hhirik remains before a letter with Sh'va; יָדַח Job 16: 11 is explained by some as a Kal future, by others as a Piel preterite.

4. The following have more than one form : יָדַח *to be good fut.* יָדַח, once יָדַח Nah. 3: 8; יָדַח *to pour* יָדַח, once יָדַח 1 Kin. 22: 35; יָדַח *to form.* יָדַח and יָדַח; יָדַח *to burn,* יָדַח Isa. 10: 16, and יָדַח Deut. 32: 22; יָדַח *to awake* יָדַח, once יָדַח 1 Kin. 3: 15; יָדַח *to be precious.* יָדַח and יָדַח, or with a vowel letter for ē, יָדַח *to be desolate,* יָדַח, once יָדַח Ezek. 6: 6; יָדַח *to be right.* יָדַח, once יָדַח (3 fem. plur., §88) 1 Sam. 6: 12. Some copies have יָדַח Isa. 40: 30 for יָדַח.

5. In futures having Tsere under the preformative, the accent is shifted to the penult after Vav Conversive in the persons liable to such a change, viz. : 3 sing., 2 masc. sing., and 1 plur., Tsere in the ultimate being in consequence shortened to Seghol, יָדַח, יָדַח, יָדַח. Pattahh in the ultimate becomes Seghol in יָדַח, יָדַח (with a postpositive accent) Gen. 2: 7, 19, יָדַח Gen. 50: 26; but יָדַח, יָדַח, יָדַח, only once before a

monosyllable, § 35. 1. *נִלְקַח* Gen. 9:24. The accent remains on the ultimate in the Lamedh Aleph form *נִלְקָא*, unless the following word begins with an accented syllable, e. g. *נִלְקָא* Gen. 4:16, 8:18. The pause restores the accent in all these cases to its original position: *נִלְקָא* Ruth 4:1; *נִלְקָא* Ps. 139:1; *נִלְקָא* Ps. 18:10, § 35. 2.

§ 148. 1. Kal construct infinitives with Yodh: *רָבַשׁ* and with a feminine ending *רָבַשְׁתִּי*; *רָבַשׁ* with suf. *רָבַשְׁתִּי*; once with prep. *לְרָבַשׁ* 2 Chron. 31:7, Daghesh conservative after *י*, § 14. a; *רָבַשׁ*, § 87; once *רָבַשׁ* Josh. 22:25 and with prep. *לְרָבַשׁ* 1 Sam. 18:29 from *רָבַשׁ*; once *רָבַשׁ* 2 Chron. 26:15 from *רָבַשׁ*, *רָבַשׁ*.

2. Infinitives without Yodh: *רָבַשׁ* (with suf. *רָבַשְׁתִּי*) Ex. 2:4, and without the feminine termination *רָבַשׁ* (with suf. *רָבַשְׁתִּי*) and *רָבַשׁ*, once *רָבַשׁ* 1 Sam. 4:19. § 54. 2. *רָבַשׁ* (with suf. *רָבַשְׁתִּי*), *רָבַשׁ* (with suf. *רָבַשְׁתִּי*) once *רָבַשׁ* Gen. 46:3, *רָבַשׁ* (with suf. *רָבַשְׁתִּי*, with suf. *רָבַשְׁתִּי* once *רָבַשְׁתִּי* Ps. 23:6). Yodh is perhaps dropped from the absolute infinitive *רָבַשׁ* Jer. 42:10, which is usually explained to be for *רָבַשׁ*; it may, however, be derived from the Ayin Vav verb *רָבַשׁ*.

3. Imperatives with Yodh: *רָבַשׁ*, *רָבַשׁ*. Without Yodh: *רָבַשׁ* (with *ה* parag. *רָבַשׁ* Prov. 24:14), *רָבַשׁ* (with *ה* parag. *רָבַשׁ* for *רָבַשׁ* Hos. 4:18, see § 92. a). *רָבַשׁ* (fem. plur. *רָבַשְׁתִּי* Cant. 3:11), *רָבַשׁ* (*רָבַשׁ*). With both forms: *רָבַשׁ* and *רָבַשׁ* (*רָבַשׁ*), twice *רָבַשׁ* Judg. 5:13, *רָבַשׁ* and *רָבַשׁ*.

§ 149. 1. The Niphal of *רָבַשׁ* has *u* instead of *o*, *רָבַשׁ* Zeph. 3:18, *רָבַשׁ* Lam. 1:4; *רָבַשׁ* 1 Chron. 3:5, 20:8 has *u* followed by Daghesh. *רָבַשׁ*, which according to Gesenius is from *רָבַשׁ*, has *i*; Ewald assumes the root to be *רָבַשׁ*, and refers to it likewise the Kal future and the Hiphil ascribed to *רָבַשׁ*, § 147. 3. and § 150. 4. In that case the Daghesh in *רָבַשׁ* Isa. 33:12, Jer. 51:58, will not require the explanation suggested in § 24. c, but the K'thibh *רָבַשׁ* 2 Sam. 14:30 will be unexplained. *רָבַשׁ* Ps. 9:17 is not the Niphal preterite or participle of *רָבַשׁ*, but the Kal participle of *רָבַשׁ*.

2. Yodh appears in the Niphal future of two verbs instead of Vav, *רָבַשׁ* Gen. 8:12. 1 Sam. 13:8 K'ri, *רָבַשׁ* Ex. 19:13. In the first person singular *א* always has Hhirik, *רָבַשׁ*, *רָבַשׁ*, *רָבַשׁ*, *רָבַשׁ*.

§ 150. 1. In the Hiphil the following verbs have Yodh preceded by Tseré, viz.: *רָבַשׁ* to be good, *רָבַשׁ* to howl, *רָבַשׁ* to go to the right. *רָבַשׁ* to change, viz.: *רָבַשׁ* to suck. Yodh is likewise found in *רָבַשׁ* Judg. 16:26 K'thibh, and in the following instances in which the prefix has Pattahh as in perfect verbs, *רָבַשׁ* Hos. 7:12, *רָבַשׁ* Prov. 4:25, *רָבַשׁ* Ps. 5:9 K'ri (K'thibh *רָבַשׁ*), *רָבַשׁ* Gen. 8:17 K'ri (K'thibh *רָבַשׁ*), *רָבַשׁ* 1 Chron. 12:2.

2. In *רָבַשׁ* Job 24:21 (elsewhere *רָבַשׁ*) and *רָבַשׁ* (once *רָבַשׁ* Mic. 1:8), the radical Yodh attracts to itself the vowel of the preformative, comp. § 147. 2. He remains after the preformative in *רָבַשׁ* Isa. 52:5, *רָבַשׁ* Neh. 11:17, Ps. 28:7, *רָבַשׁ* 1 Sam. 17:47, Ps. 116:6. Both Yodh and Vav, quiescing in their appropriate vowels, are liable to omission before a suffix, *רָבַשׁ*, and once the vowel Tseré is dropped before a suffix, *רָבַשׁ* Ex. 2:9 for *רָבַשׁ*.

3. Vav conversive draws the accent back to the penultimate Tsere or Hholem of the Hiphil future in the persons liable to be affected by it, §147. 5, and shortens the final vowel, נִחַשׁ, נִחַשׁ, נִחַשׁ, נִחַשׁ, נִחַשׁ; but with a pause accent: נִחַשׁ Ruth 2: 14.

4. The following verbs insert Daghesth in the second radical in the Hiphil, viz.: רָצַע *to set, place*, רָצַע *to spread*, רָצַע *to pour*, except: מִיִּצְקָה 2 Kin. 4: 5 K'ri (K'thibh מִיִּצְקָה), רָצַע *to burn*, except: הוֹצִיחֶהָ 2 Sam. 14: 30 K'thibh.

5. In the Hophal a few examples occur of *ā* followed by Daghesth, רָצַע Ex. 10: 24, רָצַע Isa. 14: 11, Esth. 4: 3, מִיִּצְקָה Isa. 28: 16, רָצַע Job 11: 15; and a few of Hholem, הוֹרֵעַ Lev. 4: 23, 28, יוֹרֵא Prov. 11: 25 for יוֹרֵה from הוֹרֵה. The construct infinitive: הוֹרֵעַ Ezr. 3: 11, and with the feminine termination הוֹרֵעָה Ezek. 16: 4, הוֹרֵעָה Gen. 40: 20, Ezek. 16: 5.

§ 150. 1. In the Kal preterite Yodh is once dropped, רָד Judg. 19: 11 for רָדָה. Hhirik occurs with the second radical of רָדָה and רָדָה in the first and second persons singular with suffixes, and in the second person plural, which is perhaps due to the assimilating power of the antecedent Yodh, e. g. וְרָדָהּ, וְרָדָהּ, וְרָדָהּ.

2. In the Piel future the prefix Yodh of the third person is contracted with the radical after Vav conversive. וְרָדָהּ Nah. 1: 4 for וְרָדָהּ Lam. 3: 33, וְרָדָהּ Lam. 3: 53, וְרָדָהּ 2 Chron. 32: 30 K'ri (K'thibh וְרָדָהּ).

3. Three verbs have Vav in the Hithpael, הִתְרַחֵם, הִתְרַחֵם, הִתְרַחֵם; הִ is assimilated to the following ר and contracted with it in וְרָדָהּ Ezek. 23: 48 for וְרָדָהּ a peculiar Niphal formed on the basis of a Hithpael, § 53. c. (2). In וְרָדָהּ Ex. 2: 4 for וְרָדָהּ Yodh is rejected and its vowel given to the preceding letter, § 53. 3. b.

§ 151. 1. הָלַךְ and הָלַךְ. הָלַךְ *to go* in the Hiphil and for the most part in the infinitive construct, future and imperative Kal follows the analogy of Pe Yodh verbs, as though the root were הָלַךְ. Thus Kal inf. const. הָלַךְ (הָלַךְ, with suf. הָלַךְ) rarely הָלַךְ; fut. הָלַךְ (once with the vowel letter י for *ē*, הָלַךְ Mic. 1: 8, fem. pl. הָלַכְתְּ), occasionally in poetry הָלַךְ (3 fem. sing. הָלַכְתְּ); imper. הָלַךְ (with ה, parag. הָלַךְ, or without the vowel letter הָלַךְ, fem. pl. הָלַכְתְּ and הָלַכְתְּ) once הָלַכְתְּ Jer. 51: 50. Hiphil: הָלַךְ once in the imper. הָלַכְתְּ Ex. 2: 9, and once in the participle הָלַכְתְּ Zech. 3: 7 for הָלַכְתְּ, § 94. e.

2. אָסַף *to gather* and אָסַף *to add* are liable to be confounded in certain forms. In the Hiphil future of אָסַף, *ō* is twice represented by the vowel letter א, אָסַף 1 Sam. 18: 29, אָסַף Ex. 5: 7; אָסַף drops its א in the Kal future, when it follows the Pe Aleph inflection. § 110. 3. which it does only in the following instances, אָסַף 2 Sam. 6: 1, אָסַף Ps. 104: 29, אָסַף Mic. 4: 6, אָסַף 1 Sam. 15: 6, where the Hhirik, being abbreviated from Tsere, is short, notwithstanding the Methegh in the intermediate syllable, § 45. 2. a. The apoc. Hiph. fut. of אָסַף when joined with the negative particle אַל is accented on the penult, אַל-אָסַף Deut. 3: 26, and in one instance the vowel of the ultimate is dropped entirely, אַל-אָסַף Prov. 30: 6.

3. הוֹשִׁיבֵהֶם Zech. 10:6 is probably, as explained by Gesenius and Hengstenberg, for הוֹשִׁיבָתֵיכֶם from יָשַׁב *to dwell*, though Ewald derives it from שָׁוַב *to return*, as if for הוֹשִׁיבֵתֵיכֶם, and Kimchi supposes it to be a combination of both words suggesting the sense of both, in which he is followed by the English translators. *I will bring them again to place them.*

הַבְּאֵרִשׁ Isa. 30:5 "is regarded by Gesenius as an incorrect orthography for הוֹשִׁיבֵהֶם; but Maurer and Knobel read it הַבְּאֵרִשׁ and assume a root בְּאֵרִשׁ synonymous with בּוֹשֵׁר". Alexander in loc.

הוֹמְרֵהָ Ps. 16:5, see § 90.

AYIN VAV (וֵ) AND AYIN YODH (יֵ) VERBS.

§ 152. Yodh and Vav, as the second radical of verbs, have the following peculiarities, viz :

1. They may be converted into their homogeneous vowels *i* and *u*.

2. They may be rejected when accompanied by a heterogeneous vowel, which is characteristic of the form. Yodh forms are confined to the Kal of a few verbs; in the other species Vav forms are universal.

a. Yodh is never found as a quiescent middle radical in any species but Kal: it enters as a consonant into the Piel of two verbs, and the Hithpael of two, § 161. 1, the Niphal of הָיָה *to be*, and the Hiphil of הָיָה *to live*.

§ 153. 1. In the Kal preterite and active participle and in the Hiphil and Hophal species, the quiescent is rejected and its vowel given to the preceding radical. Thus,

Kal preterite: קָם for קָמָה where *ā*, which arises from blending *ā* with the pretonic Kamets, § 62. 1, is in partial compensation for the contraction, מָחַת for מָחַתָּה, בָּשַׁת for בָּשַׁתָּה, רָבַח for רָבַחָה. For an exceptional formation, see § 158. 1.

Active participle: קָם for קָמָה, מָחַת for מָחַתָּה, בָּשַׁת for בָּשַׁתָּה, רָבַח for רָבַחָה, the ordinary participial form being superseded by that of another verbal derivative, as is the case in some perfect verbs of a neuter signification, § 90.

Hiphil and Hophal: הַקָּיִם for הַקְּוִיִּם, וְקָיִם for וְקְוִיִּם, הַקָּיִם for הַקְּוִיִּם, the short vowel of the prefix being prolonged in a simple syllable, § 59.

2. In the Kal construct infinitive, future, imperative and passive participle, the quiescent is softened into its homogeneous vowel, קָיִם, קָיִב; in the future the preformative commonly takes the simplest of the long vowels \bar{a} , וְקָיִם, וְקָיִב, comp. וְרָשָׁב.

3. In the Kal absolute infinitive and in the Niphal species a similar softening of ו occurs, which, with the accompanying or preceding α , forms \bar{o} , § 57. 2. (5), קָיִם (kām = kām) for קָוִיִּם; וְקָיִם for וְקְוִיִּם, the prefix usually taking the simplest of the long vowels \bar{a} ; וְקָיִם for וְקְוִיִּם.

4. In the first and second persons of the Niphal and Hiphil preterites \bar{o} (ו) is inserted before the affixed termination in order to preserve the long vowel of the root from the compression incident to standing before two consonants, § 61. 4; in the feminine plurals of the Kal future \bar{e} (ו) is sometimes inserted for a similar reason, this prolongation of the word being attended by a shifting of the accent and a consequent rejection of the pretonic vowel of the first syllable, וְקָיִמוּנָה, וְקָיִמוּנָה, וְקָיִמוּנָה. In the Niphal preterite, when the inserted ו receives the accent, the preceding ו is for euphony changed to ו, e. g. וְקָיִמוּנָה.

5. In the Kal and Hiphil species the apocopated future takes the diphthongal vowels \bar{o} and \bar{e} in distinction from the ordinary future, which has the pure vowels \bar{u} and \bar{i} , § 65. 2. \bar{b} , thus וְרָשָׁב, וְרָשָׁב. With Vav Conversive the accent is drawn back to the simple penult, and the vowel of the last syllable is shortened, וְרָשָׁב, וְרָשָׁב.

§ 154. 1. In the Piel, Pual, and Hithpacl, the form of perfect verbs is rarely adopted, the second radical appearing as ו, e. g. עָוִיר, or as י, e. g. קָיִם.

2. Commonly the third radical is reduplicated instead

of the second, which then quiesces in Hholem, Pi. קוּמָם, Pu. קוּמִים, Hith. הִתְקוּמָם.

a. In the Pual *o* is the passive vowel here adopted in preference to *u*: in the Piel and Hithpael it arises from the combination of *u*, to which *ṛ* is softened, with the antecedent *u*, קוּמִים for קוּמָם: §82. 5. *b* (3).

3. Sometimes the quiescent letter is omitted from the root, and the resulting biliteral is reduplicated, Pi. כָּלְכָל, Pu. כָּלְכָל.

a. The two forms of the intensive species, which depart from the regular paradigm, precisely resemble in appearance those of Ayin doubled verbs, though constructed upon a different principle, as already explained.

§155. The inflections of Ayin Vav verbs are shown in those of קוּם *to stand or rise*, in the following paradigm; the divergent forms of Ayin Yodh verbs in the Kal species are exhibited by רוּב *to contend*.

a. Ayin Vav and Ayin Yodh verbs are named not from the Kal preterite, in which the quiescent is rejected, but from the construct infinitive, the simplest form in which all the radicals appear.

b. No Hophal forms occur in those persons in which the inflective terminations begin with a consonant. The same is true of the Ayin Yodh imperative.

PARADIGM OF AYIN VAV

	KAL.	NIPHAL.	PIEL.	PUAL.
PRET. 3 m.	קָם	נָקָם	קִדְּמָם	קִדְּמָם
3 f.	קָמְהָ	נָקְמְהָ	קִדְּמְהָ	קִדְּמְהָ
2 m.	קָמְתָ	נָקְמְתָ	קִדְּמְתָ	קִדְּמְתָ
2 f.	קָמְתִי	נָקְמְתִי	קִדְּמְתִי	קִדְּמְתִי
1 c.	קָמְתִי	נָקְמְתִי	קִדְּמְתִי	קִדְּמְתִי
Plur. 3 c.	קָמוּ	נָקְמוּ	קִדְּמוּ	קִדְּמוּ
2 m.	קָמְתֶם	נָקְמְתֶם	קִדְּמְתֶם	קִדְּמְתֶם
2 f.	קָמְתֶיךָ	נָקְמְתֶיךָ	קִדְּמְתֶיךָ	קִדְּמְתֶיךָ
1 c.	קָמְתֵנוּ	נָקְמְתֵנוּ	קִדְּמְתֵנוּ	קִדְּמְתֵנוּ
INFIN. <i>Absol.</i>	קוֹם	הִקְוֹם	קִדְּמוּ	
<i>Constr.</i>	קוֹם	הִקְוֹם	קִדְּמוּ	
FUT. 3 m.	יִקְוֹם	יִקְוֹם	יִקְדְּמוּ	יִקְדְּמוּ
3 f.	תִּקְוֹם	תִּקְוֹם	תִּקְדְּמוּ	תִּקְדְּמוּ
2 m.	תִּקְוֶם	תִּקְוֶם	תִּקְדְּמוּ	תִּקְדְּמוּ
2 f.	תִּקְוְמוּ	תִּקְוְמוּ	תִּקְדְּמוּ	תִּקְדְּמוּ
1 c.	אִקְוֹם	אִקְוֹם	אִקְדְּמוּ	אִקְדְּמוּ
Plur. 3 m.	יִקְוְמוּ	יִקְוְמוּ	יִקְדְּמוּ	יִקְדְּמוּ
3 f.	תִּקְוְמוּנהָ	תִּקְוְמוּנהָ	תִּקְדְּמוּנהָ	תִּקְדְּמוּנהָ
2 m.	תִּקְוְמוּ	תִּקְוְמוּ	תִּקְדְּמוּ	תִּקְדְּמוּ
2 f.	תִּקְוְמוּנהָ	תִּקְוְמוּנהָ	תִּקְדְּמוּנהָ	תִּקְדְּמוּנהָ
1 c.	נִקְוֹם	נִקְוֹם	נִקְדְּמוּ	נִקְדְּמוּ
IMPER. 2 m.	קוֹם	הִקְוֹם	קִדְּמוּ	
2 f.	קוֹמִי	הִקְוִמִי	קִדְּמוּמִי	wanting
Plur. 2 m.	קוּמוּ	הִקְוּמוּ	קִדְּמוּמוּ	
2 f.	קוּמוּנהָ	הִקְוּמוּנהָ	קִדְּמוּמוּנהָ	
PART. <i>Act.</i>	קָם		בִּקְדְּמוּם	
<i>Pass.</i>	קָם	נִקְוֹם		מִקְדְּמוּם

REMARKS ON AYIN VAV AND AYIN YODH VERBS.

§ 156. 1. Medial Yodh and Vav remain without quiescence or rejection in a few verbs, whose root contains another feeble consonant by contrast with which these letters acquire new strength. This is always the case in Lamedh He verbs, e. g. הָרָהּ. הָרָהּ; so likewise in the following guttural verbs and forms, מָנַח to *expire*; מָנַחְרִי Isa. 29:22. יָצַחְרִי Isa. 42:11, מָנַח to *be an enemy*, מָנַחְרִי 1 Sam. 18:9 K'ri (K'thibh עָנַחְרִי Jer. 4:31, which are confined to the Kal species, and in מָנַח to *be airy or refreshing*, which is besides found in the Pual participle.

2. The Kal preterite has Pattahh in two instances as in Ayin Vav verbs, מָנַח Zech. 4:10, מָנַח Isa. 44:18 but מָנַח Lev. 14:42. It has Tseré in מָנַח to *die*, מָנַח Isa. 17:11 but מָנַח Jer. 50:3, and Hholem in מָנַח to *shine*, מָנַח to *be ashamed*, מָנַח to *be good*, § 82. 1. *a*, and in מָנַח Jer. 27:18, elsewhere מָנַחְרִי Isa. 1:6, Ps. 58:4, elsewhere מָנַחְרִי. Hhirik once occurs instead of Pattahh in the second person plural, מָנַחְרִי Mal. 3:20. The following participles have Tseré, מָנַחְרִי, מָנַחְרִי; the following have Hholem, מָנַחְרִי, מָנַחְרִי, מָנַחְרִי 2 Kin. 16:7 (comp. מָנַחְרִי Ex. 32:25 in the Samaritan copy), elsewhere מָנַחְרִי.

3. The vowel letter א is written for א, § 11. 1. *a*, once in the preterite, מָנַח Hos. 10:14, and occasionally in the participle, מָנַחְרִי Judg. 4:21, מָנַחְרִי Prov. 24:7, מָנַחְרִי 2 Sam. 12:1, 4, Prov. 10:4, 13:23, מָנַחְרִי *despising* Ezek. 16:57, 28:24, 26, to be distinguished from מָנַחְרִי *rowing* Ezek. 27:8, 26. The consonant א is once introduced in place of the omitted א, מָנַחְרִי Zech. 14:10 for מָנַחְרִי; the ancient versions favour the assumption, that מָנַחְרִי Ps. 22:17 is in like manner for מָנַחְרִי *piercing*, though the most recent and ablest expositors take it to be a preposition and noun like *the lion*. Alexander in loc.

4. The accent regularly remains upon the radical syllable before affixes consisting of a vowel or a simple syllable, though with occasional exceptions, e. g. מָנַחְרִי Lev. 18:28, מָנַחְרִי Gen. 26:22, מָנַחְרִי Gen. 40:15, מָנַחְרִי Num. 13:32. In a few instances it is shifted by Vav conversive preterite, § 100. 2. מָנַחְרִי Obad. ver. 16, מָנַחְרִי Am. 3:15, מָנַחְרִי Isa. 11:2, מָנַחְרִי Isa. 7:19 but מָנַחְרִי ibid., מָנַחְרִי Zech. 5:4, מָנַחְרִי ibid., where the feminine ending is הָ, instead of הַ; so in the passive participle, מָנַחְרִי Isa. 59:5 for מָנַחְרִי.

§ 157. 1. Hholem is in a few instances found instead of Shurek in the construct infinitive, מָנַחְרִי Judg. 3:25, מָנַחְרִי and מָנַחְרִי Isa. 7:2, elsewhere מָנַחְרִי Isa. 30:2, which is not from מָנַחְרִי Josh. 2:16, elsewhere מָנַחְרִי, and with suf. מָנַחְרִי Ezek. 10:17, מָנַחְרִי Ps. 71:6, which is not the participle from מָנַחְרִי (Gesenius). מָנַחְרִי *my breaking forth*, i. e. the cause of it Ps. 22:10, see Alexander in loc.; Gesenius explains this form as a participle, but is obliged in consequence to assume a transitive sense which nowhere else belongs to the verb.

2. The following imperatives have Hholem, מָנַחְרִי Isa. 60:1, מָנַחְרִי,

5. In a few instances *ū* is found in the Hophal before Daghesh-forte or Sh'va, הִזְיִתָּה Zech. 5:11, הִזְיִתָּה Ezek. 41:9, 11 but הִזְיִתָּה Lam. 5:5, and in some editions הִקָּם 2 Sam. 23:1, הִקָּם Job 41:1, הִמָּרוּ 2 Sam. 21:9, though others read הִקָּם, הִמָּרוּ.

§ 161. 1. The following verbs, which are only found in one or more of the three reduplicated species, double the middle radical either as Vav or as Yodh, viz.: הִלֵּב *to render liable*, עָלַל *to do wickedly*, עָוַר *to blind*, עָוַר *to pervert*, שָׁעַר *to cry for help*, הִצְטַחְרוּ Josh. 9:12, הִצְטַחְרוּ Josh. 9:4; so also קָנַם fut. וְקָנַם and וְקָנַם fut. וְעָוַר, which have quiescent Vav in other species, and רָחַח, which has consonantal Vav likewise in the Kal.

2. The following omit the quiescent in the Piel and double the resulting biliteral, סָמַח *to sustain*, סָמַחְתָּ Isa. 14:23, מָשַׁלְתָּ Isa. 22:17, מָוַזְוִתָּ Hab. 2:7, מָוַזְוִתָּ Job 16:12 but רָפְצָן Jer. 23:29, קָרַר Num. 24:17 and מָקַרְרָא Isa. 22:5, הִשְׁמַחְתָּ Isa. 17:11; יַעֲרִי Isa. 15:5 is for יַעֲרִי, § 57. 1; הִשְׁמַחְתָּ Job 39:3 is perhaps for הִשְׁמַחְתָּ from עָיַל, comp. פָּאָס - Ps. 139:8 for פָּאָסָה, § 88, though Gesenius conjectures that it is an erroneous reading for לִשְׁמַחְתָּ from לִישַׁע. The only Hithpael formed by a like reduplication is הִתְחַחֵל Esth. 4:4, elsewhere הִתְחַחֵל.

3. Other verbs double the third radical in the Piel and Hithpael. Examples of the feminine plural: הִצְוִיחְתָּ, הִקְוִיחְתָּ, הִקְוִיחְתָּ. Hholem is changed to *ū* before the doubled letter in the contracted form, הִקְוִיחְתָּ Job 31:15 for הִקְוִיחְתָּ, § 61. 3. Fürst explains הִקְוִיחְתָּ Isa. 61:6 as in like manner for הִקְוִיחְתָּ, while Gesenius makes it a Kal future, used in this single instance in a transitive sense. הִבְוִיחְתָּ Am. 5:11 is probably a variant orthography for הִבְוִיחְתָּ, § 92. b.

4. The following are the only examples of the Pual in Ayin Vav verbs, viz.: With *v* doubled, מָצַחְתָּ Eccles. 1:15, מָרְוִחְתָּ Jer. 22:14. Reduplicated biliteral, בָּלְבַלְתָּ 1 Kin. 20:27. The third radical reduplicated, הִלְלָה *to be born*, בִּוְנָה Ezek. 28:13, Ps. 37:23, תְּרוֹמְמָה Ps. 75:11 and מִרוֹמָם Neh. 9:5, רָחַחְתָּ Isa. 16:10, רָוַחְתָּ Job 26:11, מְשׁוֹבְחָה Ezek. 38:8.

5. הִפְצִיחְתָּ Jer. 25:34 is an anomalous preterite from פָּצַח *to scatter*, with ה prefixed and inflected after the analogy of Niphal; some copies have the noun הִפְצִיחְתָּ *your dispersions*.

In הִתְעַבְחָה Ezek. 36:11 for הִתְעַבְחָה from עָבַח, Tserē is retained under the prefix as though the word were from the related Pe Yodh verb עָבַח, e. g. הִתְעַבְחָה. On the other hand, in הִתְעַבְחָה Ex. 2:9 from עָבַח, Tserē is rejected as though it were from an Ayin Vav verb.

LAMEDH ALEPH (לָא) VERBS.

§ 162. 1. Aleph, as the third radical of verbs, retains its consonantal character only when it stands at the beginning of a syllable, הִמְצִיאָה, מְצָאָה.

2. At the end of the word it invariably quiesces in the preceding vowel, § 57. 2. (2), מֵצֵא, מֵצֵא, הִמְצִיא. If this vowel be Pattahh, as in the Kal and Niphal preterites and in the Pual and Hophal species, it is in the simple syllable lengthened into Kamets, § 59, מָצָא for מֵצֵא, מָצְאָה for נִמְצְאָה; so likewise in the Kal future and imperative, where א as a guttural requires *a*, אֶמְצֵא for אֵמְצֵא, אֶמְצֵא for אֵמְצֵא. A like prolongation of Pattahh to Kamets occurs before medial א in the first and second persons of the Kal preterite, מָצְאָה, מָצְאָהם.

3. With the single exception just stated, medial א quiesces in the diphthongal vowel *e* before syllabic affixes; thus, in the first and second persons of the preterites of the derivative species in Tsere, נִמְצְאָה, הִמְצִיאָה, in the feminine plurals of all the futures and imperatives in Seghol, תִּמְצְאָנָה, תִּמְצְאָנָה.

a. This *e* may arise from the diphthongal preferences of א, § 60. 1. *a* (5), or it may be borrowed from the corresponding forms of הִ"ה verbs, between which and אֵ"ה verbs there is a close affinity and a strong tendency to mutual assimilation. In Chaldee and Syriac no distinction is made between them.

§ 163. This class of verbs is represented in the following paradigm by מָצָא *to find*; the Piel and Hithpael, though wanting in this verb, are supplied from analogy. The Pual and Hophal are omitted because they are of rare occurrence, and they present no peculiarities but such as are common to the other species.

a. In their ordinary inflection Lamedh Aleph verbs differ from the perfect paradigm in the vowels only.

PARADIGM OF LAMEDH ALEPH VERBS.

	KAL.	NIPHAL.	PIEL.	HIPHIL.	HITHPAEL.
<i>PRET.</i> 3 m.	כָּתַבְתִּי	כָּתַבְתָּ	כָּתַבְתִּי	כָּתַבְתָּ	כָּתַבְתָּ
3 f.	כָּתַבְתְּ	כָּתַבְתְּ	כָּתַבְתְּ	כָּתַבְתְּ	כָּתַבְתְּ
2 m.	כָּתַבְתָּ	כָּתַבְתָּ	כָּתַבְתָּ	כָּתַבְתָּ	כָּתַבְתָּ
2 f.	כָּתַבְתְּ	כָּתַבְתְּ	כָּתַבְתְּ	כָּתַבְתְּ	כָּתַבְתְּ
1 c.	כָּתַבְתִּי	כָּתַבְתָּ	כָּתַבְתִּי	כָּתַבְתָּ	כָּתַבְתָּ
<i>Plur.</i> 3 c.	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם
2 m.	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם
2 f.	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם
1 c.	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם	כָּתַבְתֶּם
<i>INFIN. Absol.</i>	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>Constr.</i>	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>FUT.</i> 3 m.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
3 f.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
2 m.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
2 f.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
1 c.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>Plur.</i> 3 m.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
3 f.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
2 m.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
2 f.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
1 c.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>IMPER.</i> 2 m.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
2 f.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>Plur.</i> 2 m.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
2 f.	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>PART. Act.</i>	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב	כָּתוּב
<i>Pass.</i>	כָּתוּב	כָּתוּב			

REMARKS ON LAMEDH ALEPH VERBS.

§ 164. 1. Verbs having Tsere as their second vowel, § 82. 1. *a*, retain it in the first and second persons of the Kal preterite, נִשְׁאַרְתִּי, טִמְאַרְתָּ, נִרְאַרְתָּ.

2. Quiescent א is occasionally omitted from the body of the word, e. g. Kal pret. רָצַחְתִּי Job 1:21 for רָצַחְתָּרִי, מָצַחְתִּי Num. 11:11, חָצַחְתִּי Judg. 4:19. מִצַּחְתִּי Job 32:18, חָצַחְתִּי 1 Sam. 25:8 for חָצַחְתָּרִי fut. תִּשְׁחַחַנְתָּ and תִּשְׁחַחְנֶנָּה; חָצַחְתִּי Deut. 28:57 part. fem. sing. for חָצַחְתָּרִי; חָצַחְתִּי Job 41:17 for חָצַחְתָּרִי const. inf. with prep. and suf. from חָצַחְתָּ. Niph. pret. נִחַחְתָּ Josh. 2:16, נִחַחְתָּ Lev. 11:43. Otiant א, § 16. 1, may in like manner be dropped from the end of the word after quiescent Vav or Yodh, e. g. חָטַוְתִּי Gen. 20:6 for חָטַוְתָּרִי, נִחַחְתִּי 1 Kin. 12:12 for נִחַחְתָּרִי, חָחַחְתִּי 2 Kin. 13:6, חָחַחְתִּי Jer. 32:35, חָחַחְתִּי Ps. 141:5, חָחַחְתִּי Ps. 55:16, חָחַחְתִּי 1 Kin. 21:29, Mic. 1:15, חָחַחְתִּי 2 Sam. 5:2, and in three other passages; חָחַחְתִּי Ruth 3:15 is Hiph. imper. fem. for חָחַחְתָּרִי, § 62. 2.

3. The vowel following א is in a few instances given to a preceding vowelless consonant, and the א becomes otiant or quiescent, § 57. 2 (3), נִשְׁאַרְתִּי Ps. 139:20 for נִשְׁאַרְתָּרִי, נִשְׁחַחְתִּי Jer. 10:5 for נִשְׁחַחְתָּרִי imp. for נִשְׁחַחְתָּרִי, חָחַחְתִּי Eccles. 10:5 Kal part. fem. for חָחַחְתָּרִי, חָחַחְתִּי 1 Sam. 14:33 for חָחַחְתָּרִי, חָחַחְתִּי Neh. 6:8 Kal part. with suf. for חָחַחְתָּרִי, חָחַחְתִּי Ezek. 47:8 for חָחַחְתָּרִי; and, on the contrary, quiescent א attracts to itself the vowel of the preceding consonant in חָחַחְתִּי Ex. 2:20 Kal imp. for חָחַחְתָּרִי and חָחַחְתִּי Cant. 3:11 for חָחַחְתָּרִי from חָחַחְתָּרִי.

4. Final א resumes its consonantal character upon the addition of suffixes נִשְׁאַרְתָּ, receiving (־) before ה, כּ, and בּ, in consequence of which a previous Tsere or Sh'va is converted into Pattahh, § 60. 1, שָׁחַחְתָּ, נִשְׁחַחְתָּ, חָחַחְתָּ, חָחַחְתָּ Pi. inf., חָחַחְתָּ, חָחַחְתָּ Kal inf. for חָחַחְתָּרִי, § 61. 1. c.

5. Kamets in the ultimate is mostly retained before suffixes and paragogic ה, חָחַחְתָּ, חָחַחְתָּ Ps. 41:5, חָחַחְתָּ 1 Sam. 23:15, but חָחַחְתָּ Isa. 56:12. Tsere is rejected חָחַחְתָּ Neh. 2:13, 2 Chron. 1:10, or retained only in pause : חָחַחְתָּ Judg. 9:29.

§ 165. 1. He is, in a few instances, substituted for א, חָחַחְתָּ Ps. 60:4 for חָחַחְתָּרִי, חָחַחְתָּ Jer. 19:11 for חָחַחְתָּרִי, חָחַחְתָּ Ps. 4:7 for חָחַחְתָּרִי, § 3. 1. *a*, חָחַחְתָּ Jer. 49:10 for חָחַחְתָּרִי, חָחַחְתָּ 1 Kin. 22:25, 2 Kin. 7:12 for חָחַחְתָּרִי, חָחַחְתָּ Job 8:21 for חָחַחְתָּרִי.

2. Sometimes א remains, but the vowels are those of לִח forms, חָחַחְתָּרִי Ps. 119:101 for חָחַחְתָּרִי, חָחַחְתָּ Eccl. 8:12, 9:18, Isa. 65:20 for חָחַחְתָּרִי, חָחַחְתָּ 1 Sam. 22:2, Isa. 24:2, חָחַחְתָּ Eccl. 7:26, חָחַחְתָּ 1 Kin. 9:11, Am. 4:2 Pi. pret. for חָחַחְתָּרִי, חָחַחְתָּ Ps. 143:3 for חָחַחְתָּרִי, חָחַחְתָּ Jer. 51:34 for חָחַחְתָּרִי, חָחַחְתָּ 2 Kin. 2:21 for חָחַחְתָּרִי, חָחַחְתָּ Jer. 51:9 for חָחַחְתָּרִי, חָחַחְתָּ Job 39:24 for חָחַחְתָּרִי, חָחַחְתָּ Deut. 28:59 Hiph. pret. for חָחַחְתָּרִי, חָחַחְתָּ Ps. 135:7 Hiph. part. const. for חָחַחְתָּרִי from חָחַחְתָּ; to which may be added חָחַחְתָּ Ezek. 23:49, חָחַחְתָּ Jer. 50:20, with ה inserted as in לִח verbs.

3. Sometimes the ל"ה form is adopted both in consonants and vowels, מָלַךְ Ezek. 28:16 for מְלָאךְ, מָלַךְ 1 Sam. 6:10, נָשָׂא Ezek. 39:26, פָּלַחְתָּ 1 Sam. 25:33 for פָּלַחְתְּ, מָלַח Ruth 2:9 for מָלַח, מָלַח Gen. 23:6 for מָלַח, מָלַח Job 5:18 for מָלַח comp. Jer. 8:11, 51:9, 2 Kin. 2:22, נָשָׂא Ps. 32:1 for נָשָׂא, נָשָׂא Jer. 26:9 for נָשָׂא, מָלַח 1 Sam. 10:6, מָלַח 1 Sam. 10:13, מָלַח 2 Sam. 3:8, מָלַח Isa. 29:7 for מָלַח; מָלַח Ezek. 8:3 is by some interpreters thought to be for מָלַח *provoking to jealousy*, and by others explained in the sense of the ל"ה verb *selling* (Israel to their foes).

§ 166. 1. The 3 fem. preterite has the old ending ת, § 86. b, in מָלַח Ex. 5:16 for מָלַח, מָלַח Deut. 31:29, Isa. 7:14, Jer. 44:23, מָלַח Gen. 33:11 Hoph. from מָלַח, מָלַח Ps. 118:23 (מָלַח Deut. 30:11 is the feminine participle), to which the customary ending ה is further added in מָלַח 2 Sam. 1:26, מָלַח Josh. 6:17 for מָלַח.

2. A feminine termination ה, ה, or as in ל"ה verbs ה, is occasionally added to the construct infinitive. e. g. Kal, מָלַח, מָלַח, מָלַח from מָלַח to meet, distinguished from מָלַח and מָלַח Judg. 8:1 from מָלַח to call, מָלַח and מָלַח never מָלַח. מָלַח Prov. 8:13, with suf. מָלַח Ezek. 33:12. Niphal, מָלַח Zech. 13:4. Piel, מָלַח and מָלַח, מָלַח 2 Sam. 21:2; מָלַח Ezek. 17:9 is a Kal inf. const., formed as in Chaldee by prefixing מ.

3. There are two examples of the Niphal infinitive absolute, מָלַח 2 Sam. 1:6 and מָלַח Ex. 22:3: the analogy of the former has been retained in the paradigm for the sake of distinction from the construct. Piel infinitive absolute: מָלַח, מָלַח, מָלַח. Hiphil inf. abs.: מָלַח, מָלַח.

4. The Hiphil future with Vav conversive commonly has Tseré in the ultimate, though Hhirik also occurs, מָלַח, מָלַח, מָלַח and מָלַח, מָלַח, מָלַח, once מָלַח Ezek. 40:3, and once מָלַח Neh. 8:2.

5. Kamets sometimes occurs in the ultimate of the Hithpaél future, מָלַח Num. 23:24 but מָלַח Ezek. 29:15, so מָלַח, מָלַח, מָלַח; more rarely in the preterite, מָלַח.

§ 167. 1. The following are the only Pual forms which occur. Pret.: מָלַח, מָלַח, מָלַח. Fut.: מָלַח. Part.: מָלַח, מָלַח, מָלַח, with suf. מָלַח.

2. The following are the only Hophal forms: Pret. מָלַח, מָלַח, מָלַח. Fut.: מָלַח, מָלַח. Part.: מָלַח, מָלַח, מָלַח.

3 For the anomalous forms, מָלַח Deut. 33:16, מָלַח Job 22:21, מָלַח 1 Sam. 25:34 (K'thibh מָלַח), see § 88 (sing. 3 fem.)

LAMEDH HE (ל"ה) VERBS.

§ 168. In these verbs the third radical, which is Yodh or Vav, does not appear at the end of the word except in the

Kal passive participle, e. g. גָּלִי; in all other cases it is rejected or softened, the resulting vowel termination being usually expressed by the letter ה, § 11. 1. *a*.

In the various preterites ה stands for the vowel *a*, and is hence pointed הַ.

In the futures and participles it stands for *ē*, and is pointed הֶ.

In the imperatives it stands for *ē*, and is pointed הֵ.

In the absolute infinitives it stands for *ō* or *ē*; in the Kal it is pointed הִ, in the Hiphil and Hophal הֵ, in the Niphal and Piel הִ or הֵ. There are no examples in Pual and Hithpael.

The construct infinitives have the feminine ending הִו.

a. In this class of verbs the Yodh forms have almost entirely superseded those with Vav. The latter are confined to the construct infinitive where הוּ, occurring in all the species, is best explained by assuming ו to be radical (comp. הַצִּוּהוּ Ezek. 28: 17 as an alternate of הַצִּוּהוּ) and to a few other sporadic cases, viz.: a single Kal preterite, שָׁפַחְתִּי Job 3: 25. the reduplicated forms of three verbs, נָצַחְתִּי, נָטַחְתִּי, הִשְׁתַּחֲוִיָּה, and the peculiar form, אָרַחְתִּי Isa. 16: 9.

b. In the Kal preterite, Yodh is rejected after the heterogeneous vowel Pattahh, § 57. 2. (5). which is then prolonged to Kamets in the simple syllable, הַפָּחַח for פָּחַח. As Pattahh is likewise the regular vowel of the ultimate in the preterites of Niphal and Hophal, and occasionally appears in Piel, § 92. *c*. and Hithpael, § 96. *b*. the final Kamets of these species may be similarly explained. The ending, thus made uniform in the other species, passed over likewise into the Hiphil preterite, which it did the more readily since *a* belongs at least to some of its persons in the perfect verb. Yodh is in like manner rejected after the heterogeneous Hholem of certain infinitives, while it leaves the homogeneous Tseré of others unmodified.

c. The futures, imperatives, and participles of certain of the species have *e* as the normal vowel of their ultimate; in this Yodh can quiesce, leaving it unchanged. Those of the other species (except the Hiphil, which is once more attracted into conformity with the rest) have or may have *a* in the ultimate; this, combined with the *i* latent in ו, will again form *e*. In the future this becomes *ē* (ֶ) in distinction from the ending *ē* (ֵ) of the more energetic imperative; and the absolute is distinguished from the construct state of the participle in the same way.

§ 169. 1. Before personal endings beginning with a vowel the last radical is occasionally retained as ו, particu-

larly in prolonged or pausal forms, הִסְרִי, הִסְרִי, הִסְרִי; it is, however, commonly rejected and its vowel given to the antecedent consonant, גָּלִי for גָּלִי, תִּגְלִי for תִּגְלִי; in like manner the preterite 3 fem., which in these verbs retains the primary characteristic הַ, § 86. *b*, גָּלְתָּ for גָּלְתָּ, to which is further appended the softened ending הַ, thus גָּלְתָּהּ, in pause גָּלְתָּהּ.

a. The הַ of the 3 fem. pret. is frequently explained as a second feminine ending added after the first had lost its significance in the popular consciousness. It might, perhaps with equal propriety, be regarded as paragogically appended. § 61. 6, comp. such nouns as רִשְׁוֹנָה, צִלְתָּה, אֲרִמְתָּה, in order to produce a softer termination and one more conformed to that which obtains in the generality of verbs. Nordheimer's explanation of the הַ as hardened from הַ, גָּלְתָּהּ for גָּלְתָּהּ, labours under the double difficulty that there is neither proof nor probability for the assumption that the consonant הַ could be exchanged for הַ, and that הַ in the preterite of these verbs is not a radical nor even a consonant, but simply the representative of the vowel *a*.

2. Before personal endings beginning with a consonant the third radical י remains but is softened to a vowel, so that in the Kal preterite it quiesces in Hhirik, in the Pual and Hophal preterites in Tsere, in the Niphal, Piel, Hiphil, and Hithpael preterites in either Hhirik or Tsere, and in the futures and imperatives of all the species in Seghol, גְּלִי, תִּגְלִי, נִגְלִי.

3. Forms not augmented by personal endings lose their final vowel before suffixes, e. g. גָּלְתָּ, גָּלְתָּ from גָּלְתָּהּ, יִגְלֶה from יִגְלֶה, יִגְלֶה from יִגְלֶה. The preterite 3 fem. takes its simple form, e. g. גָּלְתָּהּ or גָּלְתָּהּ, and in pause גָּלְתָּהּ.

§ 170. The Lamedh He verbs will be represented by גָּלְתָּ to *uncover, reveal*, which is used in all the species.

PARADIGM OF LAMEDH

	KAL.	NIPHAL.	PIEL.
PRET. 3 m.	פָּלַח	נִפְלַח	פָּלַח
3 f.	פָּלְחָה	נִפְלְחָה	פָּלְחָה
2 m.	פָּלַיְתָ	נִפְלַיְתָ	פָּלַיְתָ
2 f.	פָּלַיְתִי	נִפְלַיְתִי	פָּלַיְתִי
1 c.	פָּלַיְתִי	נִפְלַיְתִי	פָּלַיְתִי
Plur. 3 c.	פָּלְחוּ	נִפְלְחוּ	פָּלְחוּ
2 m.	פָּלְחוּם	נִפְלְחוּם	פָּלְחוּם
2 f.	פָּלְחוּן	נִפְלְחוּן	פָּלְחוּן
1 c.	פָּלְחוּנִי	נִפְלְחוּנִי	פָּלְחוּנִי
INFIN. <i>Absol.</i>	פָּלַח	נִפְלַח	פָּלַח
<i>Constr.</i>	פָּלֹחַת	הַפְּלֹחַת	פָּלֹחַת
FUT. 3 m.	יִפְלֹחַ	יִפְלֹחַ	יִפְלֹחַ
3 f.	תִּפְלֹחַ	תִּפְלֹחַ	תִּפְלֹחַ
2 m.	תִּפְלֹחֶהָ	תִּפְלֹחֶהָ	תִּפְלֹחֶהָ
2 f.	תִּפְלִי	תִּפְלִי	תִּפְלִי
1 c.	אֶפְלֹחַ	אֶפְלֹחַ	אֶפְלֹחַ
Plur. 3 m.	יִפְלְחוּ	יִפְלְחוּ	יִפְלְחוּ
3 f.	תִּפְלְחוּן	תִּפְלְחוּן	תִּפְלְחוּן
2 m.	תִּפְלְחוּהָ	תִּפְלְחוּהָ	תִּפְלְחוּהָ
2 f.	תִּפְלְחוּנָהּ	תִּפְלְחוּנָהּ	תִּפְלְחוּנָהּ
1 c.	נִפְלְחוּ	נִפְלְחוּ	נִפְלְחוּ
IMPER. 2 m.	פָּלַח	הַפְּלַח	פָּלַח
2 f.	פָּלְחִי	הַפְּלְחִי	פָּלְחִי
Plur. 2 m.	פָּלְחוּ	הַפְּלְחוּ	פָּלְחוּ
2 f.	פָּלְחוּן	הַפְּלְחוּן	פָּלְחוּן
PART. <i>Act.</i>	פָּלֹחַ		פֹּלְחָה
<i>Pass.</i>	פָּלְחִי	נִפְלְחָה	

§ 174. 1. Piel: Two verbs, נָצַח *to be becoming* and הָחָה *to draw* (the bow), having a guttural for their second radical, double the third instead, which in the reduplication appears as Vav, though the general law is adhered to requiring its rejection from the end of the word and the substitution of the vowel letter ה. The only forms which occur are, of the former, the preterite נִצַּחַה Ps. 93: 5, נָצַח Cant. 1: 10, Isa. 52: 7, and of the latter the participle plur. constr. הַחֲחִיזִי Gen. 21: 16. There are three examples of Hholem inserted after the first radical, § 92. *b*, שָׁחַח Isa. 10: 13 from שָׁחַח, the ש being an orthographic equivalent for ס, § 3. 1. *a*, and in the infinitive, הִחִיזוּ Isa. 59: 13.

2. In the first person singular of the Piel preterite י sometimes quiesces in Tsere; in all the other persons, however, and even in the first singular, when a suffix is added it invariably quiesces in Hhirik, גָּחַחַי and גָּחַחַתִּי, once קָחַחַתִּי and כָּחַחַתִּי and כָּחַחַתִּי, § 111. 2. *a*.

3. Infinitive absolute: הָחָה, הִחִיזוּ, נִצַּחַה, כִּנְחָה, קִנְחָה, הִחִיזוּ. The construct always ends in וָח with the exception of כִּנְחָה also כִּנְחָה, and כִּנְחָה Hos. 6: 9.

4. Future: in הִחִיזִי Isa. 16: 9 from הִחִיז, the second radical is doubled as י, § 153. 1, and the third appears as ו, § 56. 3. *a*; וְחִיזוּ Ex. 33: 3 is for וְחִיזוּ, § 63. 1. *b*. With Vav conversive: וְחִיזוּ, וְחִיזוּ, וְחִיזוּ, וְחִיזוּ, וְחִיזוּ, so in the first person singular, וְחִיזוּ, וְחִיזוּ; once Pattahh is lengthened to Kamets, וְחִיזוּ 1 Sam. 21: 14; so in pause, וְחִיזוּ Prov. 25: 9.

5. The imperative has Seghol in a single instance, חִיזוּ Judg. 9: 29 and sometimes drops its final vowel, חִיזוּ, חִיזוּ, חִיזוּ, חִיזוּ, חִיזוּ.

6. Pual infinitive construct with suffix: חִיזוּ Ps. 132: 1.

§ 175. 1. Hiphil preterite: The prefixed ה has occasionally Seghol, חִיזוּ and חִיזוּ. Yodh may quiesce in Hhirik or Tsere, חִיזוּ, חִיזוּ. Yodh once remains as a quiescent in the 3 masc. sing., חִיזוּ Isa. 53: 10, and once in the 3 masc. plur., חִיזוּ Josh. 14: 8 for חִיזוּ, § 62. 2.

2. The infinitive absolute has Kamets in חִיזוּ by way of distinction from חִיזוּ and חִיזוּ Jer. 42: 2, which are always used adverbially. Construct: The prefixed ה has Hhirik in one instance, חִיזוּ Lev. 14: 43; לְחִיזוּ 2 Kin. 19: 25 K'thibh is for לְחִיזוּ.

3. The future, when apocopated or preceded by Vav conversive, sometimes simply rejects its final vowel, חִיזוּ, חִיזוּ, חִיזוּ, חִיזוּ, חִיזוּ; commonly, however, Seghol is inserted between the concurring consonants, חִיזוּ from חִיזוּ, § 111. 2. *a*, חִיזוּ, חִיזוּ, חִיזוּ, חִיזוּ, חִיזוּ, or Pattahh if one of the consonants is a guttural, חִיזוּ, חִיזוּ. Occasionally the final vowel remains, חִיזוּ 1 Kin. 16: 17. 18: 42. חִיזוּ Ezek. 23: 19; once the radical י appears quiescing in Hhirik, חִיזוּ (2 masc. apoc. for חִיזוּ) Jer. 18: 23. The retention or rejection of the vowel is optional in the first person singular, חִיזוּ, חִיזוּ, חִיזוּ and חִיזוּ from חִיזוּ, חִיזוּ from חִיזוּ.

4. The imperative is sometimes abbreviated, הַרְבֵּה and הִרְבֵּה, הִרְבֵּה and הִרְבֵּה, הַרְבֵּה for הַרְבֵּה, הַרְבֵּה and הִרְבֵּה; הִרְבֵּה and הִרְבֵּה; הִרְבֵּה (accent on the ultimate) Ps. 39:14 is for הַרְבֵּה, the same word Isa. 6:9 is from עֲרֵב, § 140. 5.

5. Hophal infinitive absolute: הִפְתִּיחַ Lev. 19:20.

§ 176. 1. Hithpael: One verb הִשְׁתַּחֲוֶה reduplicates its third radical, which appears as וּ, הִשְׁתַּחֲוֶה to worship. fut. הִשְׁתַּחֲוֶה. with Vav conv. וַיִּשְׁתַּחֲוֶה for וַיִּשְׁתַּחֲוֶה, § 61. 2, plur. וַיִּשְׁתַּחֲוֶיּוּ, infin. הִשְׁתַּחֲוֶה. and once with sufr. הִשְׁתַּחֲוֶה 2 Kin. 5:18, the accent being thrown back by a following monosyllable. For the inflected participle, מִשְׁתַּחֲוֶה Ezek. 8:16, see § 90, page 120.

2. In the preterite ו mostly quiesces in Tsere in the first person singular and in Hhirik in the other persons, הִתְחַלְתִּי, הִשְׁתַּחֲוֶיתִי, הִשְׁתַּחֲוֶיתָ, הִשְׁתַּחֲוֶיתָ, הִתְחַלְתָּ, הִתְחַלְתָּ, הִתְחַלְתָּ, הִתְחַלְתָּ.

3. The future apocopated and with Vav conversive: וַיִּהְיֶה, וַיִּהְיֶה, וַיִּהְיֶה, or with Kamets in the accented syllable, וַיִּהְיֶה, וַיִּהְיֶה, so always in pause, וַיִּהְיֶה; וַיִּהְיֶה Gen. 24:65.

4. The shortened imperative: הִתְחַלְּ, הִתְחַלְּ.

§ 177. 1. הִיָּה to be, fut. הִתְחַלְּ, Hhirik being retained before the guttural under the influence of the following Yodh, whence the Sh'va, though vocal, remains simple; so in the inf. const. with prep. לְהִיָּה, לְהִיָּה, לְהִיָּה, though without a prefix it is הִיָּה, once הִיָּה Ezek. 21:15. The apocopated future יִהְיֶה (in pause יִהְיֶה) and with Vav conversive וַיִּהְיֶה, is for יִהְיֶה, the vowel of the prefix returning to the Sh'va from which it arose, § 85. 2. a (1), page 116. when the quiescence of the middle radical gives a vowel to the first. The same thing occurs in the peculiar form of the future יִהְיֶה Eccl. 11:3, where the second radical appears as ו, which it sometimes does in the imperative, הִתְחַלְּ and הִתְחַלְּ Gen. 27:29 or הִיא Job 37:6, and in the participle הִתְחַלְּ Neh. 6:6, Eccl. 2:22, fem. הִתְחַלְּ Ex 9:3.

2. הִיָּה to live. The root חָיִי is usually inflected as a Lamedh He verb pret. חָיָה, fut. חָיָה, apoc. חָיִי. with Vav conversive וַיִּחְיֶה, though in the preterite 3 masc. it occasionally takes an Ayin doubled form. חָיִי, e. g. Gen. 3:22, 5:5, and once in the 3 fem. an Ayin Yodh form: חָיִי Ex. 1:16, or it may be explained as an Ayin doubled form with Daghesh-forte omitted, § 25.

3. In a few instances א is substituted for the third radical in Lamedh He verbs, רָצָאָהי Ezek. 43:27, אָחָא Isa. 21:12, נָשָא Jer. 23:39, רָוָא 2 Chron. 26:15, הָבָא Prov. 1:10 from אָבָה, נָחָא Deut. 33:21 from אָחָה, וַחֲכָא 2 Chron. 16:12, רָשָא Lam. 4:1, שָאָא 2 Kin. 25:29, רָשָאָא Eccl. 8:1, תָלָאָא 2 Sam. 21:12 K'ri for תָלָאָא Hos. 11:7, Deut. 28:66 for תָלָאָא, § 56. 4. הַמְרָאָאִים, הַמְרָאָאִים 2 Sam. 11:24 from הִרְבֵּה; the vowels are those of Lamedh Aleph verbs in אָחָהי Jer. 3:22 for אָחָהי 1 Kin. 17:14 for אָחָהי, הַמְרָאָאִים Dan. 10:14 for הִתְחַלְּ; and the full Lamedh Aleph form is adopted in הַמְרָאָאִים Hos. 13:15 for הִתְחַלְּ.

DOUBLY IMPERFECT VERBS.

§ 178. Verbs which have two weak letters in the root, or which are so constituted as to belong to two different classes of imperfect verbs, commonly exhibit the peculiarities of both, unless they interfere with or limit one another. Thus, a verb which is both פ"ס and ה"ה will follow the analogy of both paradigms, the former in its initial and the latter in its second syllable. But in verbs which are both ע"ו and ה"ה the ו is invariably treated as a perfect consonant, and the ה"ה peculiarities alone preserved. All such cases have been remarked upon individually under the several classes of verbs to which they respectively belong.

DEFECTIVE VERBS.

§ 179. 1. It has been seen in repeated instances in the foregoing pages that verbs belonging to one class of imperfect verbs may occasionally adopt forms from another and closely related class. Thus a פ"ס verb may appear with a ה"ה form, or an ע"ו verb with an ע"ע form or *vice versâ*. The occurrence of an individual example, or of a few examples of such divergent forms, may be explained in the manner just suggested without the assumption of an additional verb as their source. Sometimes, however, the number of divergent forms is so considerable, or the divergence itself so wide, that it is simpler to assume two co-existent roots of the same signification, and differing only in the weak letter which they contain, than to refer all to a single root.

a. Thus, פ"סָּ means *to shut up or restrain*, and פ"סָּה *to be finished*: yet a few ה"ה forms occur in the sense not of the latter but of the former verb. They are accordingly held to be from פ"סָּ, but assimilated in inflection to the ה"ה paradigm. On the other hand, ק"רָּ means *to call*. and ק"רָּה *to meet*; but so many פ"ס forms are found with this latter signification that it seems necessary to assume a second root ק"רָּ having that

meaning. The verb *to run* is ordinarily רָוַץ; but רָצַיִח Ezek. 1: 14 is too remote from an עָוַץ form to be referred to that root; hence it is traced to another verb רָצַח of the same sense. No clear line of distinction can be drawn between the cases in which divergent forms are to be traced to a single root, and those in which the assumption of a second is admissible or necessary. This must be decided in detail, and the best authorities not infrequently differ in their judgment of particular examples.

2. Where two verbs exist which are thus radically connected and identical in signification, it not infrequently happens that they are defective or mutually supplementary, that is to say, that one of them is in usage restricted to certain parts or species, the remainder being supplied by the other.

a. The following are examples of defective verbs: טוֹב *to be good*, used in the Kal species only in the preterite, the corresponding future is from רָגַב; יָרָא Kal pret. *to fear*, the fut. and imper. from יָרַע; רָקַץ Kal pret. and inf. *to spit*, fut. from רָקַץ; נָפַץ Kal pret. and inf. *to break or disperse*, fut. and imp. from פָּנַץ; נָקַע Kal pret. *to be alienated*, fut. from נָקַע; שָׂרָה K. pret. *to be a prince*, fut. from שָׂוֹר; רָבַב Kal pret. and inf. *to be many*, fut. from רָבַה which is used throughout the species; רָחַם Kal fut. *to be hot*, pret. and inf. from רָחַם. which is also used in the future; רָצַח *to counsel*, borrows its Kal imper. from רָצַח; רָקַץ Kal fut. *to awake*, pret. from the Hiphil of רָוַץ, which is also used in inf. imper. and fut.; נָצַב *to place*, the reflexive is expressed by הִתְנַצַּב from נָצַב; שָׁתָה *to drink*, the causative is שִׁתָּהּ from שָׁתָה; הוֹדִישׁ from הוֹדִישׁ is used as the causative of הוֹדִישׁ *to be ashamed*, as well as הוֹדִישׁ; הִלְכָה *to go*, derives many of its forms from הִלְכָה; רָחַם *to give*, is only used in the Kal imperative, it is supplemented by נָתַן of totally distinct radicals.

QUADRILITERAL VERBS.

§ 180. Quadriliteral verbs are either primitives formed from quadriliteral roots, whose origin is explained, § 68. a, or denominatives, the formative letter of the noun or adjective being admitted into the stem along with the three original radicals. The former class adopt the vowels and inflections of the Piel and Pual species, while the latter follow the Hiphil.

a. The only examples of quadriliteral verbs are the following, viz.: Piel pret. פָּרַשׂ *he spread*. Job 26: 9, where the original Pattahh of the initial syllable of the Piel, § 82. 5. b (3), is preserved; fut. with suf. יִפְרָשׂ *he*

shall waste it, Ps. 80 : 14. Pual pret. שָׁבַטְתָּ *it freshened*, Job 33 : 25, the Methagh and the Hhateph Pattahh being used to indicate that the Sh'va is vocal, and that the form is equivalent to שָׁבַטְתָּ; part. מְחַטְּבֵם *scaled off or resembling scales*, Ex. 16 : 14. מְכַבְּבֵל *clothed*, 1 Chron. 15 : 27. Hiphil pret. הִיאֲזִיחֵהוּ *they stank*, Isa. 19 : 6 for הִיאֲזִיחֵהוּ as נִקְמְרוּ for נִקְמְרוּ, derived from חָזַח *putrescent*, which is simpler than to make it with Gesenius a double or anomalous Hiphil from נָחַח, § 94. *a*, comp. Alexander in loc.; fut. אֲשַׁבְּטֵהָ *I will turn to the left*, Gen. 13 : 9; תִּשְׁמְאוּהוּ Isa. 30 : 21, part. מְשַׁמְאוּהוּ 1 Chron. 12 : 2 from טָמְאוּ *the left hand*, elsewhere reduced to a trilateral by the rejection of א, לְהַשְׁמִירָל 2 Sam. 14 : 19, הִשְׁמִירָל Ezek. 21 : 21. To these may be added the form, which occurs several times in the K'thibh מְחַצְצֵרִים 1 Chron. 15 : 24. etc., and מְחַצְצֵרִים 2 Chron. 5 : 12, for which the K'ri substitutes מְחַצְצֵרִים or מְחַצְצֵרִים. As it is a denominative from הִצְצֵרָה *a trumpet*, it has been suspected that the form first mentioned should be pointed מְחַצְצֵרִים; the other, if a genuine reading, is probably to be read מְחַצְצֵרִים.

NOUNS.

THEIR FORMATION.

§ 181. Nouns, embracing adjectives and participles as well as substantives, may be primitive, i. e. formed directly from their ultimate roots, or derivative, i. e. formed from pre-existing words. Those which are derived from verbs are called verbals; those which are derived from nouns are called denominatives. The vast multiplicity of objects to which names were to be applied and the diversity of aspects under which they are capable of being contemplated, have led to a variety in the constitution of nouns greatly exceeding that of verbs, and also to considerable laxity in the significations attached to individual forms. But whatever complexity may beset the details of this subject, its main outlines are sufficiently plain. All nouns are, in respect to their formation, reducible to certain leading types or classes of forms, each having a primary and proper import of its own. The derivation of nouns, as of the verbal species, from their respective roots and themes calls into requisition all the expedients, whether of internal or external changes, known to the language, § 69. Hence arise four classes of nouns according as they are formed by internal changes, viz. :

1. The introduction of one or more vowels.
2. The reduplication of one or more of the letters of the root. Or by external changes, viz. :
3. The prefixing of vowels or consonants at the beginning of the root.
4. The affixing of vowels or consonants at the end.

a. The mass of nouns are to be regarded as primitives and not as derived from their cognate verbs. Many roots are represented by nouns alone, without any verbs from which they could have sprung, e. g. אב father. ארץ earth. And where verbs of kindred meaning do exist, it is probable that they are not the source or theme of the nouns, but that both spring alike directly from their common root, as מלך to reign. and מלך king from the root מלך. Since, however, these roots or elemental themes are destitute of vowels, and consequently are incapable of being pronounced in their primitive or abstract state, it is customary and convenient in referring to them to name the verb which though a derivative form has the advantage of simplicity and regularity of structure, and is often the best representative of the radical signification. Accordingly, מלך king may be said to be derived from the root מלך to reign, that is, it is derived from the root מלך of which that verbal form is the conventional designation, § 68.

b. Infinitives, participles, nouns which follow the forms of the secondary or derived species, § 187. 2. *a.*, and some others, are evidently verbals. Most nouns of the fourth class, as well as some others, are denominatives.

CLASS I.—*Nouns formed by the insertion of vowels.*

§ 182. The first class of nouns, or those which are formed by means of vowels given to the root, embraces three distinct forms, viz. :

1. Monosyllables, or those in which the trilateral root receives but one vowel.
2. Dissyllables, in which the second is the principal vowel and the first a pretonic Kamets or Tsere.
3. Dissyllables, in which the first is the principal vowel and the second a mutable Kamets or Tsere.

1. *Trilateral Monosyllables.*

§ 183. The formative vowel may be given either to the second radical קטל, קטיל, קטול, קטול, or to the first, קטל,

קָטַל, קָטַל; in the latter case an unaccented Seghol is commonly interposed between the concurring consonants, § 61. 2, to which a preceding Pattah is assimilated, § 63. 2. *a.* קָטַל, קָטַל. Forms thus augmented by the introduction of an auxiliary vowel are termed Segholates.

a. In this and the following sections קָטַל is used as a representative root in order more conveniently to indicate to the eye the formation of the different classes of nouns. No root could be selected which would afford examples in actual use of the entire series of derivative forms; קָטַל has but one derivative קָטַל *slaughter*, and this only occurs in Obad. ver. 9.

b. As *i*, *o*, and *u* rarely or never occur in mixed accented syllables, § 19, they are excluded from monosyllabic nouns. Every other vowel is, however, found with the second radical, thus *ā*, טָמַל *a little* prop. *paucity*, טָמַל *honey*. מָנַל *man*; *ā*, מָנַל *strength*. כָּתַל *writing*, רָטַל *residue*; *ē*, מָטַל *shoulder*, חָטַל *bush*; *ē*, מָטַל *howling*, מָטַל *grief*, מָטַל *a wolf*; especially *ī*, *ō*, and *ū*, which occur with greater frequency than any others. When the first radical receives the vowel, *ī* and *ū* are likewise excluded, inasmuch as they rarely or never stand before concurrent consonants, § 61. 4. Few of these nouns remain without the auxiliary Seghol מָטַל *a valley*, מָטַל *vanity*, מָטַל *sin*, מָטַל *spikenard*, מָטַל *truth*. Kamets is only found before Vav, § 63. 2. *a.* מָטַל, and in pause, § 65. מָטַל; מָטַל.

c. When the second radical receives the vowel, there is a concurrence of consonants at the beginning of the word, which is sometimes relieved by prefixing *s*, § 53. 1. *a.* with a short vowel, mostly *ē*, § 60. 1. *a* (5), but occasionally *ā*. מָטַל *finger* for מָטַל; מָטַל *lattice*, מָטַל *belt*, מָטַל and מָטַל *arm*, מָטַל and מָטַל *yesterday*.

§ 184. These nouns, standing at the first remove from the root, express as nearly as possible its simple idea either abstractly, e. g. מָטַל *emptiness*, מָטַל *bereavement*, מָטַל *strength*, מָטַל *righteousness*, מָטַל *help*, מָטַל *greatness*, or as it is realized in some person or object which may be regarded as its embodiment or representative, מָטַל *lord* from מָטַל *to be mighty*, מָטַל *man* from מָטַל *to be sick*, מָטַל *boundary*, מָטַל *libation* prop. *pouring out*, מָטַל *valley* prop. *depth*, מָטַל *vinegar* prop. *sourness*.

a. That the position of the formative vowel before or after the second radical does not materially affect the character of the form, appears from the following considerations: (1.) The sameness of signification already exhibited, and which may be verified in detail. (2.) The occasional appearance of the same word in both forms, e. g. מָטַל and מָטַל *man*, מָטַל

and נִיטַט *plant*, פִּלְאָ and פְּלִיאָ *prison*, בְּרֵהָן and בְּרוּהָן *thumb*, נִנְהָ and נִנְהָה *brightness*. (3.) The concurrence of both forms in the Kal construct infinitive קָטַל and קָטְלָה, § 87, קָטַלְתִּי and קָטַלְתֶּם. (4.) The fact that Segholates may arise alike from קָטַל and קָטַלְתִּי, § 61. 1. b. (5.) The cognate languages; monosyllables in Arabic, whose vowel precedes the second radical, answer to those whose vowel succeeds the same radical in Aramæan, and both to the Hebrew Segholates, e. g. שֶׁבֶד *servant*, Aram. שֶׁבֶד, Arab. عَبَدٌ.

b. The presence of imperfect letters in the root may occasion the following modifications:

פֶּ roots. Aleph, as a first radical, sometimes receives a long vowel (ֶ) instead of Sh'va (ְ), § 60. 3. c, אֶמֶן *fidelity* for אָמֶן, אֶזָּר *girdle* for אָזָּר.

עֵ Guttural and לֵ Guttural. If the third radical be a guttural, Pattahh is substituted for the auxiliary Seghol. § 61. 2, אֶבְטַח *confidence*, שִׁמְעֵי *hearing*, גִּבְהַי *height*; if the second radical be a guttural, the preceding vowel if Hholem remains unchanged, otherwise it also commonly becomes Pattahh יָנַי *young man*, נֵנַי *youth*, פֶּתַי *fear* but אֶהַל *tent*, לֶחֶם *bread*.

פֶּ and פֶּ roots. A vowelless ׀ or ן is in a few instances rejected from the beginning of a word, § 53. 2. a, רְבוּל *produce* for רִבּוּל, רְבוּל *familiarity* for רִבוּל, נִשְׂיָא *elevation* for נִשְׂיָא, נִשְׂיָא *lamentation* for נִשְׂיָא, particularly in feminines and secondary derivatives; thus, תְּמַה, עֲדָה, עֲצָה, קִשָּׁח drop an initial Yodh, and קָבָה, כִּי־לֵי, an initial Nun. Nun may also experience assimilation when it is a second radical, אָהָר *anger* for אָהָר, פֶּי־ס *cup* for פֶּי־ס.

עֵ and עֵ roots. In Segholates ׀ is preceded by Kamets אֶיֶל (according to Kimchi אֶיֶל in Ezek. 28: 18) *wickedness*, אֶמֶן *midst*, unless the last radical is a guttural. רְוַח *space*; ׀ is preceded by Pattahh and followed by Hhirik, לַיִל *night*, עֵינַי *eye*. These letters frequently give up their consonantal character and become quiescent, § 57. 2. Vav is rejected in a few words as בְּרִי *brand* for בְּרִי, אִי *island* for אִי, רְוִי *watering* for רְוִי, § 53. 3.

לֵ roots. In a very few instances the proper final radical is rejected, as it is in verbs, and the final vowel written הַ, as סֶבֶה *bush*, בִּבְהָ *weeping*, חֲמָה *thought*. When ׀ appears as the radical, it prefers the form בְּבִי *weeping*, פְּרִי *fruit*, כֶּלִי *vessel*; ׀ retains its consonantal character in סֶבֶי *winter*, שֶׁבֶי *quail*, or it may be changed to its cognate vowel ā, which combines with the preceding ā to form ā, § 62. 1, דְּיָו (for d'yāū) *ink*, אֶנְטֶלֶפֶס *antelope*. In Segholates ׀ quiesces in Shurek. § 57. 2. (4), שְׁטָהוּ *swimming* for שְׁטָהוּ, בְּהוּ *emptiness*; the lexicon of Gesenius contains the forms שְׁטָהוּ *garment*, אֶנְטֶלֶפֶס *end*, שֶׁבֶי *security*, but these words only occur in the plural or with suffixes, and the absolute singular is quite as likely to have been שְׁטָהוּ, אֶנְטֶלֶפֶס, שֶׁבֶי.

2. The main vowel in the ultimate.

§ 185. 1. The second form of this class is a dissyllable with one of the long vowels in the second which is its prin-

cipal syllable, and in the first a pretonic Kamets, for which Tseré is occasionally substituted when the second vowel is also Kamets, thus קָטַל or קָטַל, קָטַל, קָטַל, קָטַל, קָטַל.

2. These are properly adjectives, and have for the most part an intransitive signification when the vowel of the ultimate is \bar{a} , \bar{e} , or \bar{o} , and a passive signification when it is \bar{i} or \bar{u} , קָטַן and קָטַן *small*, קָטַן *fat*, נְחֹשֶׁת *made of brass*, בְּחִיר *chosen*. Those with \bar{a} and \bar{i} in the ultimate are, however, prevailingly and the others occasionally used as substantives, and designate objects distinguished by the quality which they primarily denote, הֶרֶק *herbs* prop. *green*, שֶׁכָּר *strong drink* prop. *intoxicating*, נִמְרֵי *leopard* prop. *spotted*, צְנִיפָה and צְנִיפָה *turban* prop. *wound around*, כְּבוֹד *glory*, that which is *glorious*.

a. The intransitive adjectives supply the place of Kal active participles to neuter verbs, § 90. and in ע"ו verbs they have superseded the regular formation, § 153. 1. קָטַם for קָטַם. Kal passive participles are verbals with \bar{a} . This formation with \bar{i} in the ultimate is adopted in several names of seasons, אֲבִיב *Abib*, the time of ears of corn, אֲסִיף *ingathering* prop. the being gathered, בְּצִיר *vintage*, זְמַר *pruning-time*, תְּרִישׁ *ploughing-time*, קַצִּיר *harvest*, Comp. § 201. 1. b.

b. Adjectives with \bar{o} commonly express permanent qualities, those with \bar{e} variable ones. גָּדוֹל *great*, גָּדֹל *growing great*; חָזַק *strong*, חָזֵק *becoming strong*; קָרוֹב *near*, קָרֵב *approaching*; רָחוֹק *remote*, רָחֵק *receding*. Hence the former are used of those physical and moral conditions which are fixed and constant, such as figure, colour, character, etc., אֲרוֹךְ *long*, עֲגֹל *round*, עֲבֵף *deep*, עֲבֵף *high*; אֲדָם *red*, בְּדָד *spotted*, נֶקֶד *speckled*, יָרוֹק *green*, מְקַד *striped*, צָהָר *white*, שָׂרָף *bay*, שָׁחָר *black*; מְחֹלָה *sweet*, נְהוּר *pure*, קָדוֹשׁ *holy*. And the latter are employed of shifting and evanescent states of body and of mind, צָמָא *thirsty*, רָגֵב *hungry*, שָׂבֵעַ *sated*, נֶגַע *wearied*, אֲנָל *grieving*, הַפְּזִין *desiring*, הִרָר *fearing*, עֲצִיז *exulting*.

c. The active signification asserted for the form קָטַל in a few instances cannot be certainly established; נִקְוֵשׁ or נִקְוֵשׁ *fowler* is intransitive in Hebrew conception as is shown by the construction of the corresponding verb, comp. Lat. *aucupari*, *aucupatus*. Other alleged cases are probably not nouns but absolute infinitives of Kal, בְּהוֹן Jer. 6: 27 may as well be rendered *I have set thee to try as for a trier* (of metals); הַמְיִין Isa. 1: 17 is not *oppressor* nor *oppressed* but *wrong-doing*, τὸ ἀδικεῖν, see Alexander in loc.; and even עֲשִׂיבָה Jer. 22: 3 may in like manner be *oppression* instead of *oppressor*.

d. ל"ה roots are restricted to forms with \bar{i} , in which the radical \bar{i} quiesces, נְרִי *fresh*, נְרִי *afflicted*, נְרִי or נְרִי with otiant \bar{s} , § 16. 1, *pure*;

or with *a* which combines with it to form *ē*, שָׂדֵי, שָׂדֵי and שָׂדֵה *field*, רָחֵף, רָחֵף *fair*, גָּבֵה *high*; in a few nouns this final vowel is dropped, דִּשְׁתָּה *fish* for דִּשְׁתָּה, מָרָה *mark* for מָרָה, עֵץ *tree* for עֵץ, בֵּן *son* for בֵּן, מִוּחַ *mouth* for מִוּחַ, unless, indeed, these and the like are to be regarded as primitive biliterals. Vav, as a final radical, may be preceded by *a*, מֵקֵה *meeke*; or *ē*, מֵקֵה *secure*.

3. *The main vowel in the penult.*

§ 186. 1. The third form of this class is a dissyllable having an immutable vowel, mostly Hholem, though occasionally Shurek or Tsere in the first, which is its principal syllable, and a mutable Kamets or Tsere in the second, thus קוֹטֵל, קוֹטֵל, קוֹטֵל, קוֹטֵל, קוֹטֵל.

2. These indicate the agent, and are either active participles, קוֹטֵל *killing*, or substantives, חוֹתֵם *signet-ring* prop. *sealer*, אוֹיֵב *enemy, one practising hostility*, שׂוֹדֵד *fox* prop. *digger*, מַרְדֵּב *hammer* prop. *pounder*, הַיּוֹלֵל *morning-star* prop. *shining one*.

a. A number of nouns, indicative of occupation, follow the participial form, which thus serves to express permanent and professional activity, בּוֹקֵר *herdsman*, חוֹבֵל *sailor* prop. *rope-handler*, הוֹדֵשׁ *ploughman*, יוֹצֵר *potter* prop. *former*, מוֹסֵם *fuller*, כּוֹהֵן *priest*, כּוֹרֵם *vine-dresser*, סוֹחֵר *merchant*, סוֹפֵר *scribe*, רוֹצֵל *trafficker*, רֹעֵה *shepherd*, רֹפֵא *physician*, רֹבֵחַ *dealer in unguents*, רֹבֵעַ *embroiderer*, שׂוֹמֵר *watchman*, שׂוֹרֵף *porter* prop. *gate-keeper*, שׂוֹפֵט *judge*.

b. In a very few instances *u* in the first syllable is shortened and followed by Dagħesh-forte conservative, עֵינֵב and עֵינֵב *pipe*, עֵינֵב *pit*.

c. *roots.* The contraction of עֵ and the quiescence of עֵ roots, by reducing them to biliteral monosyllables, obliterates to a considerable extent the distinctions which have been described and which are possible only in trilaterals. The contracted forms which arise from עֵ roots are עֵב, עֵב, עֵב, עֵב, § 183. *b.* Of these עֵב = עֵב belongs to the monosyllabic formation, and is chiefly used of abstracts, עֵב *purity*, עֵב *multitude*, עֵב *integrity*, עֵב *yoke*; and עֵב = עֵב to the first species of dissyllables, embracing adjectives and concrete nouns, עֵב *perfect*, עֵב *feast*; while עֵב and עֵב may arise indifferently from either, עֵב *rottenness* is an abstract noun for עֵב, but עֵב *tender* is an adjective for עֵב. Kamets being compressed to Pattahh before the doubled letter, comp. § 135. 3; עֵב *heart* is for the dissyllable עֵב, but עֵב *favour* for the monosyllable עֵב.

עֵ and עֵ roots. Nouns from quiescent עֵ and עֵ roots may be divided into three pairs of forms, עֵב, עֵב; עֵב, עֵב; עֵב, עֵב. Of these the last pair (with the exception of Kal passive participles) belong to the primitive monosyllabic formation, עֵב *strife*, עֵב *goodness*; the first pair

to the first species of dissyllables, לָל *poor*, וָר *proud*, אֱל *God* prop. *the mighty one*; and the second pair may belong to either. רִישׁ = רִישׁוֹ *poverty*, רִישׁ = רִישׁוֹ *strength*, טוֹב = טוֹב *good*.

CLASS II.—Nouns with reduplicated radicals.

§ 187. 1. The simple form proper to adjectives is explained § 185; it may be converted into an intensive by doubling the middle radical, retaining the long vowel of the second syllable and giving a short *i* or *ä* to the first. This reduplicated or intensive form denotes what is characteristic, habitual, or possessed in a high degree. Adjectives of this nature are sometimes used as descriptive epithets of persons or things distinguished by the quality, which they denote, חֶקֶט *very weak*, פֶּקֶחַ *seeing* prop. (having eyes) *wide open*, צַדִּיק *righteous*, גִּבּוֹר *mighty man*, מְלֵיץ *full of grace*, רַחוּם *merciful*.

a. As a general though not an invariable rule, the first syllable has Patahh when a pure vowel *a*, *i*, or *u* stands in the ultimate, but Hhirik when the ultimate has one of the diphthongal vowels *e* or *o*. Several nouns with *a* in the second syllable are descriptive of occupations or modes of life, comp. § 186. 2. a, אָר *husbandman*, דָּג *fisherman*, שֹׁפֵט *judge*, חָרֵשׁ (= תְּחָשׁ) *workman*, טָבַח *cook*, מַרְבֵּחַ *seaman* (from מַלַּח *salt*), סָבֵל *bearer of burdens*, צַדִּיק *hunter*, קַשָּׁה *bowman*, גַּנָּב *thief*, not a mere equivalent to גַּנָּב *one who steals*, but one who steals habitually, who makes stealing his occupation.

b. Since the idea of intensity easily passes into that of excess, the form קֶבֶל is applied to deformities and defects, physical or moral, אֵצֶם *dumb*, הֶבֶן *hump-backed*, חָלֵשׁ (= תְּחָשׁ) *deaf*, עִוֵּר *blind*, פֶּסֶחַ *lame*, קַלְהָה *bald*, זָקֵן *perverse*.

c. In a few instances instead of doubling the second radical, the previous Hhirik is prolonged, § 59. a. קַמְזוֹשׁ and קַמְזוֹשׁ *nettle* prop. *badly pricking*, קַמְזוֹר *smoke*, טַיַחֲוֹר *the Nile* prop. *very black*, צַיִנוֹן *prison*, כִּידוֹר *spark*, בַּדְלוֹר *battle*, נִיצוּן *spark*.

d. The following double the third radical in place of the second, פֶּרְחָח *brood*, הַבְּזֵן *green*, נְאִיָּן *quiet*, נְאִיָּה *comely* from נְאִיָּה, the last radical appearing as ו, § 169. אֶמְלֵל *feeble*, where the long vowel Tseré is inserted to prevent the concurrence of consonants.

e. עָע and more rarely עִי roots reduplicate the biliteral formed by their contraction, וְגָלַל and וְגָלַל *wheel* prop. *roller*, חֶהָחַת *frightful*, גִּירָה *girt*, קֶרְקַר *crown of the head* prop. *dividing* (the hair); so fem. הַלְחָלָה *severe pain*, מְקַטְטָה *casting down*, גִּלְגָּלָה *skull*, and plur. סְלִסְפוֹת *baskets*, טוֹרְטוֹר *turning*

upside down from עָנָה = עָנָו, לֹאֲלוֹא (sing. לֹאֲלוֹר) loops and לוֹלִים (sing. probably לוֹלֵי = לוֹלֵי) winding stairs from לוֹהָ = לוֹנָו; a root לוֹל is need- lessly assumed by Gesenius. Sometimes the harsh concurrence of con- sonants is prevented by the insertion of a long vowel, (const. צָלְצַל) cymbal prop. tinkling. עָרְעָר and עָרְעָר stark naked, totally destitute. קָלְקַל despicable, or the softening of the former of the two consonants to a vowel, § 57. 1. בִּזְבִּב star for בִּזְבִּב, בִּזְבִּבּוֹת bands worn on the forehead for בִּזְבִּבּוֹת. קִיָּקִיוֹן (with the ending יוֹן added) ignominy for קִיָּקִיוֹן. בָּבֶל Babylon for בִּלְבָל, or its assimilation to the succeeding consonant, כָּפָר something circular, a circuit for כָּפָר. The second member of the redup- lication suffers contraction or change in שְׂרָשְׂרָה chain for שְׂרָשְׂרָה and עָרְעָר floor for עָרְעָר.

2. Abstracts are formed with a doubled middle radical by giving *ū* to the second syllable and *ī* to the first, הִבְבָּן folding the hands, שְׁלֹמִים retribution, שְׁקָיוֹן abomination, and in the plural כְּפָרִים atonement, כְּמִצְוֹת commandments, שְׁלוּחִים divorce.

a. These may be regarded as verbals formed from the Piel. A like formation is in a few instances based upon other species, e. g. Hiphil הִמְלִיחַ melting from מָלַח, הִשְׁמַח cessation from the ע"ו root פָּגַע, Niphal כְּפָתוּלִים wrestlings: כְּחֻמָּיִם when derived from the Niphal means repentings, when from the Piel consolations.

c. ע"ו roots reduplicate the biliteral to which they are contracted, חִרְחָר inflammation, שִׂישְׂשִׂים delight.

c. A few roots, which are either ע"ו or ע" guttural, or have a liquid for their third letter, double the last radical with *ū* in the final syllable, תְּצַוֵּן thorn-hedge, פֶּאֶרֶר (= פֶּאֶרֶר) ruddy glow, תְּמַרְרִים upright columns designed for way-marks, שִׁשְׁרֹרָה horror, נֶאֱפֹשִׁים adulteries, גְּבֻנָּים ridges, also with *ō* or *ī* in the last syllable, נִרְחַח acquiescence, נִהְלַל pasture, כְּגָרֶר shower, כְּבֻרָר obscuration. שִׁפְרֶר (K'thibh שִׁפְרֶר) tapestry, חֲדָרִים whence חֲדָרִים dark. The concurrence of consonants is relieved in שִׁבְנָנִים (in some editions) snail by Daghesh-forte separative.

§ 188. A few words reduplicate the two last radicals. These may express intensity in general, כְּפָתוּלִים complete opening, רַפְּהֵפְהֵי very beautiful, or more particularly repeti- tion, הִשְׁכַּפְּהֵי twisted prop. turning again and again, חֲלָקִים slippery, עֲקָקִים crooked, פִּתְּוֹת perverse, מִשְׁפָּסִים mixed multi- tude prop. gathered here and there, הִבְרָבֹתִים spots or stripes, הַשְׂפָּרוֹת moles prop. incessant diggers. As energy is con- sumed by repeated acts or exhibitions and so gradually

weakened, this form becomes a diminutive when applied to adjectives of colour, אַרְמִים *reddish*, יִרְקָק *greenish*, שְׁחָחֵר *blackish*.

a. The first of two concurring consonants is softened to a vowel in הַצְצָרָה *trumpet* for הִצְצָרָה, and probably גִּזְזָלִים Lev. 16 : 8 for גִּזְזָלִים.

b. פ"י roots drop their initial radical, קְדָבִים *gifts* from קָדַב, אֶפְסָרִים *offspring, issue* from אָפַס.

CLASS III.—Nouns formed by prefixes.

§ 189. The third class of nouns is formed by prefixing either a vowel or a consonant to the root. In the following instances the vowel *ä* is prefixed with *ā* in the ultimate to form adjectives of an intensive signification, אֲזָב *utterly deceitful*, אֲכָר *violent*, אֲרִיָּן (= אֲרִיָּן) *perennial*, אֲזָנָה (only represented by a derivative, § 94. a) *very foul, fetid*, אֲשָׁמָן *exceedingly gross or thick* (applied to darkness, Isa. 59 : 10), or verbal nouns borrowing their meaning from the Hiphil species, אֲזָכָרָה *memorial*, אֲהִירָה *declaration*.

a. This form corresponds with أَتَمَّلُ the Arabic comparative or superlative. Its adoption for Hiphil derivatives corroborates the suggestion, § 82 5. b (2). respecting the formation of the Hiphil species and the origin of its causal idea.

b. The letter א is merely the bearer of the initial vowel and has no significance of its own in these forms; ה is substituted for it in הֲרַבֵּל (= אֲרַבֵּל) *palace, temple* prop. *very capacious* from רַבֵּל in the sense of its cognate רָבַל *to contain*. So, likewise, in a few verbals with feminine terminations, הֲשִׁמְעִיהָ Ezek. 24 : 26 *causing to hear* used for the Hiph. infin., § 128, הֲצִלָּהּ *deliverance* from צָלַל, הֲנַחָהּ *grant of rest* (= הֲנַחָהּ) from נָחַח.

c. The short vowel prefixed with א to monosyllables of the first species, as explained § 183. c. has no effect upon the meaning, and does not properly enter into the constitution of the form.

§ 190. The consonants prefixed in the formation of nouns are מ, ה, and י. They are sometimes prefixed without a vowel, the stem letters constituting a dissyllable of themselves, מַקְטֵל, מְסֻבֵּב, תְּבַלְלֵל, תְּאֻשְׁשֵׁר; more commonly they receive *ä* or *ĩ* followed by a long vowel in the ultimate, e. g. מַקְטֵל, מְקַטֵּל.

a. Pattahh commonly stands before \bar{e} , \bar{i} , and \bar{u} . and Hhirik before \bar{a} and \bar{o} , unless the first radical is a guttural or an assimilated Nun when Pattahh is again preferred, מִצְּבֹל *food*, מִצְּבֹר *planting*, מִצְּבֹר *saw*, מִצְּבֹר *a species of bird*, מִצְּבֹר *a kind of gem*. Seghol is occasionally employed before a guttural or liquid followed by \bar{a} , § 63. 1. b, מִצְּבֹר *depth*, מִצְּבֹר *chariot*, מִצְּבֹר *pair of tongs*. These rules are not invariable, however, as will appear from such forms as מִצְּבֹר , מִצְּבֹר , מִצְּבֹר , מִצְּבֹר . A few words have \bar{a} in the ultimate, מִצְּבֹר *harp*, מִצְּבֹר *strugling*. The insertion of Dagghesh-forte separative in the first radical is exceptional, מִצְּבֹר Ex. 15: 17, מִצְּבֹר Job 9: 18, מִצְּבֹר Joel 1: 17.

b. פ roots. The first radical appears as פ resting in Hhirik or Tsere, מִצְּבֹר and מִצְּבֹר *rectitude*, מִצְּבֹר *new wine*, מִצְּבֹר *south*, or as פ resting in Hholem or Shurek, מִצְּבֹר *appointed time*, מִצְּבֹר *correction*, מִצְּבֹר *sojourner*, מִצְּבֹר *sorrow*. In a few instances it is rejected, מִצְּבֹר *world*, or assimilated to the following radical, מִצְּבֹר *bed*, מִצְּבֹר *knowledge*.

צ and צ roots. The root is reduced to a monosyllabic biliteral by the quiescence or rejection of the second radical, the prefix receiving Sh'va, מִצְּבֹר *citadel*, מִצְּבֹר *sound place*, מִצְּבֹר *ocean*, מִצְּבֹר *living thing*, or more commonly a pretonic Kamets or Tsere, מִצְּבֹר *luminary*, מִצְּבֹר , מִצְּבֹר and מִצְּבֹר *strife*, מִצְּבֹר *race*, מִצְּבֹר *adversary*. The feminine form is almost always adopted after ה , מִצְּבֹר *salvation*, מִצְּבֹר *oblation*.

צ roots. The root is mostly contracted to a biliteral and the vowel compressed to \bar{a} , \bar{a} , \bar{e} or \bar{o} . § 61. 4. the prefix sometimes receiving Sh'va which gives rise to a Segholate form, § 61. 1. b, מִצְּבֹר *tribute* for מִצְּבֹר , מִצְּבֹר *bitterness* for מִצְּבֹר , מִצְּבֹר *defilement* for מִצְּבֹר , מִצְּבֹר *fear* for מִצְּבֹר , מִצְּבֹר *mast* for מִצְּבֹר ; more frequently it receives a pretonic Kamets or Tsere, מִצְּבֹר *covering*, מִצְּבֹר *shield*, מִצְּבֹר *fortress*, מִצְּבֹר *anguish*. In מִצְּבֹר *running*, the short vowel of the perfect root is preserved by means of Dagghesh-forte in the first radical. ה is almost always followed by the feminine ending, מִצְּבֹר *folly*, מִצְּבֹר *beginning*, מִצְּבֹר *prayer*.

ל roots. The ultimate has ל . מִצְּבֹר *disease*, מִצְּבֹר *pasture*, which is apocopated in a few words, מִצְּבֹר *lifting up*, מִצְּבֹר *higher part*, מִצְּבֹר and מִצְּבֹר *on account of*, and always disappears before the feminine ending ה , § 62. 2. c, מִצְּבֹר *ascent*, מִצְּבֹר *commandment*, מִצְּבֹר *hope*, מִצְּבֹר *weariness*. Before the feminine termination ה the final radical appears as quiescent ל or ל , מִצְּבֹר *interest*, מִצְּבֹר *whoredom*, מִצְּבֹר *encamping*, מִצְּבֹר *pasture*. Yodh is retained as a consonant after \bar{u} , מִצְּבֹר *diseases*.

§ 191. The letter מ is a fragment of the pronoun מִי *who* or מַה *what*. Nouns, to which it is prefixed, denote

1. The agent *who* does what is indicated by the root, as the participles, § 84. 5, formed by an initial מ , and a few substantives, מִצְּבֹר *didactic psalm prop. instructor*, מִצְּבֹר (from מִצְּבֹר) *chaff prop. what falls off*.

2. The instrument *by which* it is done, מִצְּבֹר *key* from

פָּתַח *to open*, מִלְמֵד *goad* from לָמַד *to learn*, מִשֵּׂר *saw* from נָשַׂר *to saw*.

3. The place or time *in which* it is done, מִזְבֵּחַ *altar* from זָבַח *to sacrifice*, מִרְבֵּץ *lair*, מִלְכָּן *brick-kiln*, מוֹשָׁב *period of residence*.

4. The action or the quality *which* is expressed by the root, מִשְׁבַּח *slaughter*, מִסְפָּד *mourning*, מִדְּוָה *sickness*, מִשְׁגָּה *error*, מִיֶּשֶׁר *straightness*. Verbals of this nature sometimes approximate the infinitive in signification and construction, as מִהִפְכָּה *overturning*, מִשְׂאוֹת Ezek. 17:9, § 166.2. In Chaldee the infinitive regularly takes this form, e. g. מִקְטַל *to kill*.

5. The object upon *which* the action is directed or the subject in *which* the quality inheres, מִמְאֲכָל *food* from אָכַל *to eat*, מִזְמוֹר *psalm* from זָמַר *to sing*, מִלְקוֹחַ *booty* from לָקַח *to take*, מִמְשָׁמַיִם *fat things* from שָׁמַן *to be fat*, מִדְּקָר *that which is small*, מִרְחֵק *that which is remote*.

a. These different significations blend into one another in such a manner that it is not always easy to distinguish the precise shade of meaning originally attached to a word: and not infrequently more than one of these senses co-exist in the same word. Thus, נְאֻר *luminary*, may suggest the idea of agency, *dispenser of light*, or of place, *reservoir of light*; כַּאֲכָלָה *knife*, may be so called as an agent, a *devourer*, or as an instrument, *used in eating*; מִקְדָּשׁ means both a *holy thing* and a *holy place*; מִמְכָּר *sale* and *something sold or for sale*; מִמְלָכָה *royal authority* and *kingdom*; מוֹצֵא *the act, place, and time of going forth* and *that which goes forth*; מוֹשָׁב *the place and time of sitting or dwelling* as well as *they who sit or dwell*.

§ 192. Nouns formed by prefixing י or ה denote persons or things to which the idea of the root is attached.

1. י is identical in origin with the prefix of the 3 masc. future in verbs, and is largely used in the formation of names of persons, יִצְחָק *Isaac*, יִפְתָּח *Jephtha*, but rarely in forming appellatives, אֶדְוִי *adversary* prop. *contender*, אֶפְסִי *apostate* prop. *departer*, אֶבְיָא *bag* prop. *gatherer*, אֶחַיִּים *living thing* prop. *that (which) stands*, אֶחָדָר *fresh oil* prop. *that (which) shines*.

2. ה, probably the same with the prefix of the 3 fem. future of verbs, which is here used in a neuter sense, is employed in the formation of a few concrete nouns, תְּדָהּר oak prop. *that (which) endures*, תְּכָרֶה cloak prop. *that (which) wraps up*, תְּפִיר furnace prop. *that (which) burns*, תְּפִיחַ apple prop. *that (which) exhales* fragrance. But it more frequently appears in abstract terms like the feminine ending in other forms, תְּבִינ understanding, תְּמָרֶר bitterness, תְּנִיגֶה delight. It is very rarely found in designations of persons, and only when they occupy a relation of dependence and subordination, and may consequently be viewed as things, תְּלָמִיד learner, תְּיָשֵׁב one dwelling on another's lands, *tenant, vassal*.

a. The great majority of nouns with ה prefixed have likewise a feminine ending, תְּרַחֲמָה deep sleep, תְּשׁוּבָה salvation, תְּפָאֶרֶת beauty, תְּרִמְיָה fraud.

CLASS IV.—Nouns formed by affixes.

§ 193. The nouns formed by means of an affixed letter or vowel are chiefly denominatives. The consonant ה appended by means of the vowel *ō*, or less frequently *ā*, forms

1. Adjectives, אַחֲרָיון *last* from אַחֲרַי *after*, רִאשׁוֹן *first* from ראש *head*, תִּיכּוֹן *middle* from תִּכּוֹן *midst*, נְחֹשֶׁתִּין *brazen* from נְחֹשֶׁת *brass*. A very few are formed directly from the root, אֲבָיון *poor*, עֲלִיון *most high*, אֲלָמוֹן *widowed*.

2. Abstract substantives, the most common form of which is קִשְׁלוֹן, e. g. עִוְרוֹן *blindness*, בִּטְחוֹן *confidence*, עֲצָבוֹן *pain*, נֶקְלָיון *paleness*, though various other forms likewise occur, e. g. אֲבָיון and אֲבָרוֹן *destruction*, פְּרִוּוֹן *dominion*, כְּשָׁרוֹן *success*, קָרְבָּן *offering*.

a. In a few words the termination וֹן has been thought to be intensive, שַׁבָּת *sabbath*, שַׁבְּתָיון *a great sabbath*. זָר *proud*, זָרִיון *exceedingly proud*, and once diminutive אִישׁ *man*, אִישׁוֹן *little man*, i. e. the *pupil* of the eye, so called from the image reflected in it. The word יֵשׁוּרוּן *Jeshurun* from יָשָׁר *upright*, is by some explained as a diminutive or term of endearment, while others think that the termination וֹן has no further meaning than to make of the word a proper name, comp. זָבָחוֹן. See Alexander on Isaiah 44: 2.

b. ך is occasionally affixed with the vowel *ē*, גַּרְוֹן *axe*, צַפְרוֹן *nail*.

c. A few words are formed by appending ם, e. g. פְּרִיָּוֹם and פְּרִיָּוִן *ransom*. סִפְּסָם *ladder* from סָלַל *to lift up*. סַּחֲרֵטֹם *sacred scribe* from סַּחֲרֵט *stylus*. הַרְוֹם *south* from הִרְוֹר *to shine*; or ל, e. g. בְּרִמְלָל *garden* from בָּרַם *vineyard*, גְּבֻעַל *calyx or cup of a flower* from גָּבַעַל *cup*. אַחְסָל *ankle* from אָחַס *joint*, חַרְחָל *locust* from חָרַג, indicative of tremulous motion, כְּרָפָל *thick darkness* from כָּרַף *cloud*, בְּרִזָּל *iron* probably from בָּרוּז *to pierce*.

§ 194. The vowel י forms adjectives indicating relation or derivation.

1. It is added to proper names to denote nationality or family descent, עִבְרִי *Hebrew*, יְבוּסִי *Jebusite*, פְּלִשְׁתִּי *Philistine*, אֲרָמִי *Aramean*, מִצְרִי *Egyptian*, יִשְׂרָאֵלִי *Israelitish, an Israelite*, דָּנִי *Danite*, קֹהַתִּי *Kohathite*, גֵּרְשׁוֹנִי *Gershonite*.

2. It is also added to other substantives, צַפְּוִי *northerner*, נִכְרִי *foreigner*, פְּרָזִי *villager*, רַגְלִי *footman*, עֵתִי *timely*, פְּנִימִי *inner* from the plural פְּנִימִים; to a few adjectives, אֲכֹזְרִי and אֲכֹזֵר *violent*, אֲוִילִי and אֲוִיל *foolish*, and even to prepositions, תַּחְתִּי *lowest* from תַּחַת, לְפָנָי *front* from לְפָנָי + י, § 62. 2.

a. The feminine ending ה is dropped before this ending. יהוּדִי *Jew* from יהוּדִיָּה, בְּרִיטִי *Beriite* from בְּרִיטִיָּה, or the old ending ה takes its place, מַאֲחַתִּי *Maachathite* from מַאֲחַתָּה, or נ is inserted between the vowels, שְׁלַנִּי *Shelanite* from שְׁלַחַת. Final י combines with the appended י into יַי, § 62. 2, לֵוִי *Levite* and לֵרִי, שׁוּנִי *Shuuite* and *Shuni*.

b. In a very few instances י takes the place of י, e. g. הַיָּבֵל *white stuffs*, הַבָּרִי *basket*, לֵוִי *loop*, and perhaps הַפְּנִינִי, in a collective sense *windows*, נֶגְבִּי *uncovered*. בְּרִילִי which Gesenius derives from בָּרַץ and takes to mean *cunning*; if however, it is derived from בָּרַץ, § 187. 1. c, and means *spendthrift*, the final Yodh will be a radical.

MULTILITERALS.

§ 195. 1. Quadriliteral nouns are for the most part evenly divided into two syllables, עַקְרָב *scorpion*, גַּזְפָּר *treasurer*, חֶרְמִישׁ *sickle*, גְּלִמְיָד *barren*. Sometimes the second radical receives a vowel, that of the first radical being either rejected, דַּמָּשְׁק *damask*, חֶרְמִישׁ *frost*, כֶּמְדָר *vine blossom*, or preserved by the insertion of Daghesh-forte, חֶרְמִישׁ *flint*, עַקְבִּישׁ

spider, פּלֶגֶשׁ and פּוֹלְגֵשׁ *concubine*. Occasionally the third radical has Daghash-forte, בַּת־בַּת־בַּת *bat*, סִנְפִיר *fin*.

2. Words of five or more letters are of rare occurrence and appear to be chiefly of foreign origin, אַרְגָּמָן *purple*, צַפְרָדַע *frog*, שֵׁשֶׁטֶל *cloth*, אַחֲשֵׁתָרָן *mule*, אַחֲשֵׁרָפֶן *satrap*.

3. Compound words are few and of doubtful character, צַלְמוֹת *shadow of death*, מְאִימָה *anything prop. what and what*, בְּלִימָה *nothing prop. no what*, בְּלִיָּעַל *worthlessness prop. no profit*, מְאִפְלָה *darkness of Jehovah*, שְׁלֵה־בְתוֹלָה *flame of Jehovah*, except in proper names, מֶלְכִי־צֶדֶק *Melchizedek, king of righteousness*, עֲבַד־יְהוָה *Obadiah, serving Jehovah*, יְהוֹיָקִים *Jehoiakim, Jehovah shall establish*.

GENDER AND NUMBER.

§ 196. There are in Hebrew, as in the other Semitic languages, but two genders, the masculine (זָכָר) and the feminine (נְקֵבָה). The masculine, as the primary form, has no characteristic termination; the feminine ends in הַ, or תַּ, e. g. קִטָּל *masc.*, קִטָּה or קִטָּת *fem.*

a. The only trace of the neuter in Hebrew is in the interrogative, מַה *what* being used of things as מִי *who* of persons. The function assigned to the neuter in other languages is divided between the masculine and the feminine, being principally committed to the latter.

b. The original feminine ending in nouns as in verbs, § 85. 1. a (i), appears to have been תַּ, which was either attached directly to the word, קִטָּת which, by § 61. 2, becomes קִטָּה, or added by means of the vowel a. קִטָּת or קִטָּה. which by the rejection of the consonant from the end of the word, § 55. 2. c, becomes קִטָּה. The termination תַּ or תֶּ is still found in a very few words, בְּרָקֶת *emerald*, קֶאֱת *pelican*, שְׂפָצָה *company* 2 Kin. 9: 17, מָחָרֶת *morrow*, מִנְחָה *portion*, תְּחֵא *end*, מְעֵבֶת Josh. 13: 13, and the poetic forms, זִמְרָה *song*, נְחֵלָה *inheritance*, עֲזָרָה *help*, פְּרִיָה *fruitful*, שְׁנָה *sleep*. Two other words, הַחַיָּה Ps. 74: 19 and נְגִינָה Ps. 61: 1, have been cited as additional examples, but these are in the construct state, which always preserves the original תַּ final; it is likewise always retained before suffixes and paragogic letters, § 61. 6. a, רְשׁוּעָהּ, רְשׁוּעָהָ, חַיָּהּ.

c. The feminine ending הַ receives the accent and is thus readily dis-

tinguished from the unaccented paragogic הָ. In a few instances grammarians have suspected that forms may perhaps be feminine, though the punctuators have decided otherwise by placing the accent on the penult, e. g. הַרְגֵם *burning* Hos. 7:4, גַּלְיָלָה *Galilee* 2 Kin. 15:29, הַרְגָה *destruction* Ezek. 7:25, נְשֵׁי חָרָב *vulture* Deut. 14:17, נְשֵׁי לֹו *low* Ezek. 21:31.

d. The vowel letter א, which is the usual sign of the feminine in Chaldee and Syriac, takes the place of ה in אֲרֵה *threshing* Jer. 50:11, אֲרֵה *terror* Isa. 19:17, אֲרֵה *wrath* Dan. 11:44, אֲרֵה *lioness* Ezek. 19:2, אֲרֵה *mark* Lam. 3:12, אֲרֵה *bitter* Ruth 1:20, אֲרֵה *balduess* Ezek. 27:31, אֲרֵה *sleep* Ps. 127:2. No such form is found in the Pentateuch unless it be אֲרֵה *loathing* Num. 11:20, where, however, as Ewald suggests, א may be a radical since it is easy to assume a root אֲרֵה cognate to אֲרֵה. The feminine ending in pronouns of the second and third persons, and in verbal futures is אֵה; an intermediate form in *e* appears in אֵה Isa. 59:5 and אֵה the numeral *ten*, or rather *teen*, as it only occurs in numbers compounded with the units. For like unusual forms in verbs see § 86. b. and § 156. 4.

e. The sign of the feminine in the Indo-European languages is a final vowel, corresponding to the vowel-ending in Hebrew; the Latin has *a*, the Greek *a* or *η*, the Sanskrit *ī*. And inasmuch as the feminine in Hebrew covers, in part at least, the territory of the neuter, its consonantal ending ה may be compared with *t*, the sign of the neuter in certain Sanskrit pronouns, represented by *d* in Latin, *id*, *illud*, *istud*, *quid*; in English *it*, *what*, *that*. This distinctive neuter sign has, however, been largely superseded in Indo-European tongues by *m* or *n*, which is properly the sign of the accusative, *bonum*, *καλόν*, the passivity of the personal object being allied to the lifeless non-personality of the neuter. Bopp Vergleich. Gramm. § 152. In curious coincidence with this, the Hebrew sign of the definite object is אֵה prefixed to nouns; and its principal consonant is affixed to form the inferior gender, the neuter being comprehended in the feminine.

§ 197. It is obvious that this transfer to all existing things, and even to abstract ideas, of the distinction of sex found in living beings, must often be purely arbitrary. For although some things have marked characteristics or associations in virtue of which they might readily be classed with a particular sex, a far greater number hold an indeterminate position, and might with quite as much or quite as little reason be assigned to either. It hence happens that there is no general rule other than usage for the gender of Hebrew words, and that there is a great want of uniformity in usage itself.

a. The following names of females are without the proper distinctive feminine termination :

אִמָּה *mother.* אִשָּׁה *she-ass.* פְּדֻיָּה *concubine.* מַלְכָּה *queen.*

So the names of double members of the body, whether of men or animals, which are feminine with rare exceptions :

אָזְנוֹ <i>ear.</i>	זְרוֹעַ <i>arm.</i>	כַּף <i>palm.</i>	קַרְנוֹ <i>horn.</i>
אֶצְבָּע <i>finger.</i>	יָד <i>hand.</i>	כַּתְּף <i>shoulder.</i>	רֶגֶל <i>foot.</i>
בְּתוּרָה <i>thumb.</i>	רֶגֶל <i>thigh.</i>	עֵינַיִם <i>eye.</i>	שֵׁן <i>tooth.</i>
בְּתוּרָה <i>knee.</i>	כַּנְפֵי <i>wing.</i>	צִדָּה <i>side.</i>	שׁוֹק <i>leg.</i>

The following nouns are also feminine :

אֶבֶן <i>brazier.</i>	כּוֹס <i>cup.</i>	מַגֵּן <i>Great Bear.</i>	מִנְיָה <i>light.</i>
אֶשְׁתֵּי <i>footstep.</i>	מִסְפָּח <i>circuit.</i>	מִשְׁכָּב <i>couch.</i>	צִדָּה <i>side.</i>
בְּאֵר <i>well.</i>	נֹהַר <i>brightness.</i>	מְשָׁלָה <i>workmanship.</i>	רַבּוּא <i>myriad.</i>
בֶּטֶן <i>belly.</i>	נַעַל <i>shoe.</i>	פֶּסַח <i>morsel.</i>	תְּהוֹמָה <i>world.</i>
חֶרֶב <i>sword.</i>	עִיר <i>city.</i>		

b. The following nouns are of doubtful gender, being sometimes construed as masculine and sometimes as feminine. Those which are commonly masculine are distinguished thus (*); those which are commonly feminine are distinguished thus (†).

אֶבֶן <i>stone.</i>	דֶּרֶךְ <i>way.</i>	* מִבְּצָר <i>fortress.</i>	† פֶּסַח <i>time (repetition).</i>
* אֵשׁ <i>light.</i>	* הֵיכָל <i>temple.</i>	* מִזְבֵּחַ <i>altar.</i>	
אוֹת <i>sign.</i>	* הַמְיוֹן <i>multitude.</i>	מַחֲנֶה <i>camp.</i>	צָפוֹן <i>north.</i>
אֲרֵי <i>fleet.</i>	זָקֵן <i>beard.</i>	* מַטֵּה <i>rod.</i>	קִישׁוֹת <i>bow.</i>
אֲרוֹן <i>ark.</i>	חַלּוֹן <i>window.</i>	* מְקוֹם <i>place.</i>	† רוּחַ <i>spirit.</i>
אֶרֶץ <i>path.</i>	חֹצֵר <i>court.</i>	נְחֹשֶׁת <i>brass.</i>	† רֹחַב <i>street.</i>
† אֶרֶץ <i>earth.</i>	יּוֹבֵל <i>jubilee.</i>	† נְפֹשׁ <i>soul.</i>	* רֶחֶם <i>womb.</i>
† אֵשׁ <i>fire.</i>	† יְמִין <i>right hand.</i>	סִיר <i>pot.</i>	* רֶהַם <i>juniper.</i>
* בְּגָד <i>garment.</i>	רֵתֶב <i>peg.</i>	† סִלְתַּת <i>flour.</i>	שְׂאוֹל <i>hell.</i>
* בַּיִת <i>house.</i>	* כְּבוֹד <i>glory.</i>	עָב <i>cloud.</i>	* שֵׁבַע <i>sceptre.</i>
בְּרֵךְ <i>wall.</i>	בַּיִר <i>pail.</i>	* עַם <i>people.</i>	שַׁבָּת <i>sabbath.</i>
בְּרָא <i>valley.</i>	* כַּרְם <i>vineyard.</i>	† עֶצֶם <i>bone.</i>	שֶׁמֶשׁ <i>sun.</i>
בֵּן <i>garden.</i>	* לֵב <i>heart.</i>	עֶרֶב <i>evening.</i>	שַׁעַר <i>gate.</i>
† בֵּן <i>vine.</i>	לֶחֶם <i>bread.</i>	† שָׁת <i>time (duration).</i>	הַיָּם <i>ocean.</i>
* בָּרֶן <i>threshing-floor.</i>	† לְשׁוֹן <i>tongue.</i>		* הַיָּרְדֵּן <i>south.</i>
	* מַאֲכָל <i>food.</i>	* פְּאִים <i>face.</i>	* תַּגְרִי <i>razor.</i>
† בֵּית <i>door.</i>			

Gesenius ascribes only one gender to a few of these words, but לֵב is once fem. Prov. 12:25; so מַאֲכָל fem. Hab. 1:16, מִבְּצָר fem. Hab. 1:10, מִזְבֵּחַ fem. Ezek. 43:13, עֶצֶם masc. Ezek. 24:10. The list might be re-

duced by referring the vacillation in gender, wherever it is possible, to the syntax rather than the noun. Verbs, adjectives, and pronouns, which belong to feminine nouns may in certain cases, as will be shown hereafter, be put in the masculine as the more indefinite and primary form. While, on the other hand, those which belong to masculine names of inanimate objects are sometimes put in the feminine as a substitute for the neuter.

c. Some species of animals exhibit a distinct name for each sex, the feminine being formed from the masculine by the appropriate termination, פֶּר *bullock*, פֶּרֶה *heifer*, צֵיִת *calves*, fem. הַצֵּיִת *lamb*, fem. הַצֵּיִת *lamb*, or being represented by a word of different radicals, חֲמוֹר *ass*, fem. אֲחִיָּוָה. When this is not the case, the name of the species may be construed in either gender according to the sex of the individual spoken of, as מִלְּכָה *camel*, בָּקָר *cattle*, צִפּוֹר *bird*, or it may have a fixed gender of its own irrespective of the sex of the individual; thus, קָלֵב *dog*, זָבַב *wolf*, שׂוֹר *ox*, are masculine, אֲרִנָּבָה *hare*, יֹדֵה *dove*, רֹהֵל *sheep*, are feminine.

d. The names of nations, rivers, and mountains are commonly masculine, those of countries and cities feminine. Accordingly, such words as אֶדְוִים *Edom*, מוֹאָב *Moab*, יְהוּדָה *Judah*, מִצְרַיִם *Egypt*, כַּשְׂדִּיִּים *Chaldees*, are construed in the masculine when the people is meant, and in the feminine when the country is meant.

§ 198. The feminine ending is frequently employed in the formation of abstract nouns, and is sometimes extended to the formation of official designations (comp. *his Honour*, *his Excellency*, *his Reverence*), פֶּתָה *governor*, קֹלֵגָה *colleague*, קַהְלָה *preacher*, and of collectives (comp. *humanity* for *man-kind*), דָּג *a fish*, דִּגְיָה *fish*, עָנָן *a cloud*, עֲנָנִים *clouds*, עֵץ *a tree*, עֵצִים *timber*, אֹרֵחַ *a traveller*, אֹרְחָה *caravan*, זֶפְחָה *Zeph. 3:19 the halting*, פְּלוּטָה *the escaped*.

a. (1) The feminine ending added to Segholates gives new prominence to the originally abstract character of this formation, רָשָׁע and רִשְׁעָה *wickedness*, distinguished by Ewald as τὸ ἄδικον and ἀδικία, תְּרַפָּה *shame*, תְּרַפָּה *slothfulness*.

(2) So to monosyllables whose second radical receives the vowel, צְדָקָה *righteousness*, which is more abstract and at the same time used more exclusively in a moral sense than the Segholate, צְדָקָה *rightness*, אֲפֵלָה *darkness*, equivalent to אֲפֵלָה (= נִגְהָה) *brightness*, יְשׁוּעָה (= יְשׁוּעָה) *salvation*. Or nouns of this description might be supposed to have sprung from the adjectives belonging to the second form of Class I. the pretonic vowel falling away upon the addition of the feminine ending, אֲפֵלָה *dark*, אֲפֵלָה *the dark*, τὸ σκοτεινόν, יְשׁוּעָה *the being saved* from יְשׁוּעָה *justice* from שֹׁפֵט *judge*. The following nouns, descriptive of the station or functions of a particular class, follow this form, מֶלֶךְ *king*, מְלִיכָה *kingly office* or *sway*, נָבִיא *prophet*, נְבוּאָה *prophecy*, כֹּהֵן *priest*, כֹּהֵנִים *priesthood* or *priestly duty*, רֹכֵל *merchant*, רֹכָה *traffic*.

(3) The feminine ending occasionally gives an abstract signification to reduplicated forms, עִבְרָה *blind*, עִבְרָתָה *blindness*, גִּבְתָּה *having a bald forehead*, גִּבְתָּהּ *baldness in front*, חַטָּאתָה *sinner*, חַטָּאתָהּ *sin*, בְּתוּחָה *terror*, בְּתוּחָהּ *scoffing*, חֲנֻכָּהּ *anguish*, or to those which have a prefixed letter מ, מִתְפַּחֵם *overthrow*, מִמְּשָׁלָה *dominion*, מִמְּהוּמָה *confusion*, or particularly ה, הַתְּשׁוּבָה *salvation*, הַתְּעוּדָה *testimony*, הַתְּקוּוּהָ *hope*, הַתְּלַאָה *weariness*.

(4) It is likewise added to forms in י, פְּלִילָהּ *judgment*, עֲלִילָהּ *working*, רֵאשִׁיתָה *beginning*, אַחֲרֵיתָה *end*, שְׁאֲרֵיתָה *remnant*, the termination וָה being often found in place of ה, חֲפְזֵיחָה 2 Chron. 26:21 K'ri, חֲפְזֵיחָהּ K'thibh, *disease* prop. *freedom from duty*, חֲפְזֵיחָהּ *free*, חֲפְזֵיחָהּ *redness*, חֲפְזֵיחָהּ *red*, מְרִירוֹתָהּ *bitterness*, מְרִירוֹתָהּ *bitter*, כְּבִירוֹתָהּ *heaviness*, אֲלֻמָּנוּתָהּ *widowhood*, and occasionally וָה חֲכָמוֹתָהּ *wisdom*, וָה הוֹלָלוֹתָהּ *folly*, though the latter may perhaps be a plural as it is explained by Gesenius. Ewald suggests a connection between the final י of the relative adjective, which thus passes into ו and even to ו in this abstract formation, and the old construct ending י and ו. The further suggestion is here offered that both may not improbably be derived from the pronoun הוּא, which was originally of common gender, § 71. a (3). Thus, חַיְתוֹ-אֶרֶץ Gen. 1:24 *beast of earth* is equivalent to אֶרֶץ הַחַיָּה *beast viz. that of earth*, and מִלְכֵי-צָרָק (which may be for מִלְכֵי as the plural ending ים, for ום, § 199. e), is equivalent to הַמֶּלֶךְ הַצָּדִיק *king viz. that of righteousness*. The appended pronominal vowel thus became indicative of the genitive relation; and its employment in adjectives, involving this relation, is but an extension of this same use, רִשְׁרָאֵלִי *of or belonging to Israel. Israelitish*. The further addition of the feminine ending in its abstract sense, has mostly preserved the vowel from that attenuation to \bar{i} which it has experienced at the end of the word, comp. § 101. 1. a. אֲלֻמָּנוּתָהּ *widowhood* prop. *the state of a widow*, אֲלֻמָּנוּתָהּ *wisdom* prop. *the quality belonging to the wise*, חֲכָמָהּ. The rare instances in which the termination וָה is superimposed upon י, viz.: אֲבִירָיוֹהָ, אֲבִירָיוֹהָ, may belong to a time when the origin of the ending was no longer retained in the popular consciousness. The termination יָה or וָה in abstracts derived from ל"ה roots is of a different origin from that just explained and must not be confounded with it; יָה or וָה is there the final radical softened to a vowel, § 168, as תְּלִיחָהּ or תְּבוּחָהּ *captivity* from תָּבַח *to lead captive*.

b. In Arabic, nouns of unity, or those which designate an individual, are often formed by appending the feminine termination to masculines which have a generic or collective signification. This has been thought to be the case in a few words in Hebrew, אֲרֵי *fleet*, אֲרֵי *ship*, שֵׁנָהּ *hair*, שֵׁנָהּ *a hair*, שֵׁנָהּ *swarm*, דְּבִיחָהּ *a bee*.

c. Some names of inanimate objects are formed from those of animated beings or parts of living bodies, which they were conceived to resemble, by means of the feminine ending, taken in a neuter sense. אֵם *mother*, אֵמָה *metropolis*, רֵגֶל *thigh*, יָרֵךְ *hinder part. extremity*, כַּף *palu of the hand*, כַּפָּה *palu-branch*, מִצְחָהּ *forehead*, מִצְחָהּ *greave*, פֶּה *mouth*, פֶּה *edge*.

§ 199. There are three numbers in Hebrew, the singular (לְשׁוֹן רַחֵד), dual (לְשׁוֹן שְׁנַיִם), and plural (לְשׁוֹן רַבִּים). The plural of masculine nouns is formed by adding יָם, or defectively written ם, to the singular, סוּס *horse*, סוּסִים *horses*, צַדִּיק צַדִּיקִים *righteous (man)*, צַדִּיקִים or צַדִּיקִים צַדִּיקִים *righteous (men)*. The plural of feminine nouns is formed by the addition of וֹת, also written ת, the feminine ending of the singular, if it has one, being dropped as superfluous, since the plural termination of itself distinguishes the gender, כַּוֶּז *cup*, כַּוֶּזֹת *cups*, בְּתוּלָה *virgin*, בְּתוּלוֹת and בְּתוּלוֹת *virgins*, חַטָּאת *sin*, חַטָּאוֹת *sins*; in two instances the vowel-letter ם takes the place of ו, § 11. 1. *a*, בַּעֲזָת Ezek. 31 : 8, בַּעֲזָת Ezek. 47 : 11.

a. The masculine plural sometimes has ין instead of ים, e. g. מַלְאֲכֵי oftener than מַלְאֲכִים in the book of Job, מַלְאֲכֵי Prov. 31 : 3, רַבִּינֵי 2 Kin. 11 : 13, מַלְאֲכֵי Mic. 3 : 12, שְׁפִיפֵינֵי Lam. 1 : 4, חַטָּיִן Ezek. 4 : 9, רַבִּינֵי Dan. 12 : 13. This ending, which is the common one in Chaldee, is chiefly found in poetry or in the later books of the Bible.

b. Some grammarians have contended for the existence of a few plurals in ו, without the final ם, but the instances alleged are capable of another and more satisfactory explanation. Thus, כַּוֶּזֹת 2 Kin. 11 : 4, כַּוֶּזֹת, כַּוֶּזֹת 2 Sam. 8 : 18, שְׁפִיפֵינֵי 2 Sam. 23 : 8, and הַצֵּר 1 Sam. 20 : 38 K'thibh (K'ri הַצֵּרִים), are singulars used collectively; עַמִּי 2 Sam. 22 : 44, Ps. 144 : 2, Lam. 3 : 14, and רַבִּינֵי Cant. 8 : 2, are in the singular with the suffix of the first person; מִצֵּי Ps. 45 : 9 is not for מִצֵּיִם *stringed instruments*, but is the poetic form of the preposition מִן *from*; מִצֵּיִם Ps. 22 : 17 is not for מִצֵּיִם *piercing*, but is the noun מִצֵּיִם with the preposition כִּי *like the lion*, § 156. 3.

c. There are also a few words which have been regarded as plurals in ו. But הַרְיֵי Zech. 14 : 5 and מַרְיֵי Judg. 5 : 15, are plurals with the suffix of the first person. In חַוִּינֵי 2 Chron. 33 : 19, which is probably a proper name, and לְבַי Am. 7 : 1, Nah. 3 : 17, which is a singular used collectively, final ו is a radical as in מַרְיֵי = מַרְיָה : מַרְיֵי Isa. 19 : 9 is a singular with the formative ending ו, § 194. *b*; מַרְיֵי Jer. 22 : 14 and חַטָּאוֹת Isa. 20 : 4, might be explained in the same way, though Ewald prefers to regard the former as an abbreviated dual for חַטָּאוֹת *double* (i. e. *large and showy*) *windows*, and the latter as a construct plural for חַטָּאוֹת, the diphthongal ם being resolved into *ay*. comp. § 57. 2 (5). מַרְיֵי Ezek. 13 : 18 is probably a dual for מַרְיָה, though it might be for the unabridged singular מַרְיָה, which, however, never occurs. The divine name שְׁפִיפֵי *Almighty* is best explained as a singular; the name אֲדָרְיֵי *Lord* is a plural of excellence, § 201. 2, with the suffix of the first person, the original signification being *my Lord*.

d. In a few words the sign of the feminine singular is retained before the plural termination, as though it were one of the radicals, instead of

being dropped agreeably to the ordinary rule, דָּלָהּ *door* pl. דְּלָלוֹת. So, כְּסָפָה *pillow*. שֵׁשֶׁת *bow*. שֶׁקֶה *trough*. חֲנִיָּה *spear*. אֶלְמָנוּת *widowhood*. בְּרִיָּה *divorce*. חֲזוֹנָה *whoredom*. שֵׁפָה *lip* pl. שֵׁפָרוֹת. To these must be added שְׂתִיָּה, provided it be derived from שָׂתָה in the sense of *pit*; it may, however, signify *destruction*, from the root שָׂתָה, when the final ה will be a radical. See Alexander on Psalm 107 : 20.

e. The original ending of the plural in nouns, verbs, and pronouns, seems to have been ם, § 71. b. (2). In verbs the vowel has been preserved, but the final nasal has been changed or lost, רִקְטָוֹ or רִקְטָו, § 85. 1. a. (1). In masculine nouns and pronouns the final nasal has been retained, but the vowel has been attenuated to *ē* or *e*, הָם, אֵהֶם : the Arabic has *ūna* for the nominative and *zūna* for the oblique case. If we suppose ה, the sign of the feminine, to be added to ם, the sign of the plural, the vowel will regularly be changed to *i* before the two consonants, § 61. 4; then if the nasal be rejected before the final consonant, agreeably to the analogy of בַּי for בַּיָּה and בּוֹם for בּוֹמָם. the resulting form will be וִי, the actual ending of the feminine plural. If the sign of the plural, like all the other inflective letters and syllables, is of pronominal origin, this ם, which is joined to words by the connecting vowel ו, may perhaps be related to הָ taken indefinitely in the quantitative or numerical sense of *quot* or *aliquot*, comp. Zech. 7 : 3; and the adverbial or adjective ending ם, or ם' may in like manner be referred to the same in its qualitative sense, comp. Ps. 8 : 5. so that רִיקָם *vacue*, would strictly be *quā vacuus*. The pronoun seems in fact to be preserved without abbreviation in the Syriac ܡܡܡܡܝܢ = רִיקָם *interdiu*.

§ 200. The gender of adjectives and participles is carefully discriminated, both in the singular and in the plural, by means of the appropriate terminations. But the same want of precision or uniformity which has been remarked in the singular, § 197, characterizes likewise the use of the plural terminations of substantives. Some masculine substantives take וִי in the plural, some feminines take ים, and some of each gender take indifferently ים or וִי.

a. The following masculine nouns form their plural by adding וִי: those which are distinguished by an asterisk are sometimes construed as feminine.

אָב <i>father.</i>	* אֲרָח <i>path.</i>	* גֶּרֶן <i>threshing-</i>	חֲזוֹן <i>vision</i>
כַּד <i>bowl.</i>	אֲרָמוֹן <i>palace.</i>	פֶּלֶא <i>floor.</i>	חֲלֵמָה <i>dream.</i>
אֵיב <i>familiar</i>	אֲשָׁפֶל <i>cluster.</i>	גֹּדֶן <i>goad.</i>	חֲשָׁבוֹן <i>invention.</i>
<i>spirit.</i>	בֵּיר <i>pit.</i>	זָבֵב <i>tail.</i>	חֲטָף <i>handbreadth.</i>
אֲזָרָה <i>treasure.</i>	גַּג <i>roof.</i>	חֲרֹץ <i>street.</i>	כִּסֵּא <i>throne.</i>
* אֵימָה <i>sign.</i>	לֹט <i>lot.</i>	חֶזֶן <i>breast.</i>	לְחֵן <i>tablet.</i>

לַיְלָה night.	בֹּתֵל bottle.	צְנִיף tube.	רְחוּק chain.
* מִזְבֵּחַ altar.	נֵר lamp.	* צִפּוֹר bird.	שֻׁלְחָן table.
מָטָר rain.	עוֹר skin.	צִבּוּר bundle.	שֵׁם name.
תְּשׁוּבָה tithe.	עָפָר dust.	קוֹל voice.	שׁוֹפָר trumpet.
* מִצֵּד summit.	יֵשֶׁב herb.	קִיר wall.	שֵׁת pillar.
* מְקוֹם place.	פָּרֵעַ leader.	מִלְחָמָה war.	* תְּהוֹם deep.
מַטְבֵּל staff.	* מְאֻזַּח host.	* רְחוֹב street.	

b. The following feminine nouns form their plural by adding יָם : those marked thus (†) are sometimes masculine :

† אֶבֶן stone.	† דֶּרֶךְ way.	פְּסָלָה spelt.	פְּסִילָה flax.
אֶרֶב terebinth.	חֹרֵף law.	לֶבֶת brick.	פֶּת morsel.
אַלְמָנָה widowhood.	זְרוּעָה branch.	מִנְהָ word.	רֶחֶל sheep.
אִשָּׁה woman.	זָנוּת whoredom.	נִמְלָה ant.	שַׁבְּרָה barley.
בְּרִית coal.	חֵטֵא wheat.	כֶּמֶס measure.	שֵׁבֶלֶת ear of corn.
† עֵפֶן vine.	חֹשֶׁךְ darkness.	עֵז she-goat.	תְּאֵנָה acacia.
חֶמֶץ fig-cake.	רוֹבֵא dove.	עִיר city.	תְּאֵנָה fig.
דְּבִירֵי bee.	† בַּיִת pitcher.	פְּנִינִית concubine.	

Also בְּרִיָּים eggs which is not found in the singular.

c. The following nouns form their plural by adding either יָם or יוֹ :

MASCULINE NOUNS.

אֵימָה porch.	לֵב heart.	בְּרִיָּה delicacy.	פְּרִיץ breach.
אֵלִי lion.	קֶלֶח light.	בְּרִיָּה fountain.	צְנֵק neck.
דּוֹר generation.	מִגְדָּל tower.	מִשְׁבַּד bed.	קֶבֶר grave.
זָבַח sacrifice.	מוֹסָד foundation.	מִשְׁבֵּן dwelling.	קֶנֶד reed.
זִכְרוֹן memorial.	בֹּדֵק bond.	נָהָר river.	קֶרֶם axe.
יוֹם day.	מוֹשֵׁב seat.	בַּסֵּן basin.	שָׂדֶה field.
יַעַר forest.	מִזְרָק bowl.	קִיּוֹן iniquity.	שָׁבִיעַ week.
לָוֵר laver.	מַבְּאֵב pain.	קָעָה heel.	תְּהִלָּה delight.
מִזְרָח harp.	מַסְמֵר nail.		

FEMININE NOUNS.

אִירָה terror.	אִשְׁתֵּי־גֵר grape-cake.	נֶעֱלַל shoe.	פְּרוֹסֶה hoof.
אִילָה sheaf.	אִשְׁתֵּי־הַיָּם Astarte.	צִבּוּרֵי־הַיָּם heap.	שָׁנָה year.
אִמָּה people.	הַיָּם spear.		

NOUNS CONSTRUED IN EITHER GENDER.

אֶלְיָהוּ aloes.	חַלּוֹן window.	מַטֵּה rod.	עֵצָה bone.
בְּגָד garment.	חֹדֶר court.	נַפְשׁ soul.	עֵת time.
גֵּב rim.	מְסָר circle.	סִרְסִיר thorn.	פֶּתַח foot.
הַיְמִינִי temple.	מְצִדֵּי־הַיָּם fortress.	עָבַן cloud.	צִדָּה side.
זְרוּעַת־הַיָּם arm.	מַחֲנֵה camp.	מִצְבֵּה cord.	

d. The two forms of the plural, though mostly synonymous, occasionally differ in sense as in Latin *loci* and *loca*. Thus כֶּסֶףִּים is used of round masses of money, *talents*, כֶּסֶףֹת of bread, round *loaves*; סִיָּרִים *thorns*, סִירֹת *hooks*; גְּבָעִים *heels*, גְּבָעוֹת *foot-prints*; פְּזָמִים *footsteps* of men, פְּזָמוֹת *feet* of articles of furniture. Comp. § 198. c. Sometimes they differ in usage or frequency of employment: thus יָמֹת *days*, שָׁנֹת *years*, are poetical and rare, the customary forms being יָמִים, שָׁנִים.

e. Nouns mostly preserve their proper gender in the plural irrespective of the termination which they adopt; though there are occasional exceptions, in which feminine nouns in יִ are construed as masculines, e. g. נְשִׁים *women* Gen. 7:13, מִצְוֹת *words* Job 4:4, נְחָשִׁים *ants* Prov. 30:25, and masculine nouns in וֹ are construed as feminines, e. g. דְּמוֹת *dwelling-ings* Ps. 84:2.

f. In explanation of the apparently promiscuous or capricious use of the masculine and feminine endings, it may be remarked that the termination יִ in strictness simply indicates the plural number, and is indeterminate as to gender, § 199. e, though the existence of a distinct form for the feminine left it to be appropriated by the masculine. The occurrence of יִ in feminine nouns, and even in the names of females, as נְשִׁים *women*, עֵזִים *she-goats*, may therefore, like the absence of the distinctive feminine ending from the singular, be esteemed a mere neglect to distinguish the gender by the outward form. The occurrence of the feminine ending in a masculine noun, whether singular or plural, is less easily accounted for. Such words may perhaps, at one period of the language, have been regarded as feminine, the subsequent change of conception, by which they are construed as masculine, failing to obliterate their original form. Such a change is readily supposable in words, which there is no natural or evident reason for assigning to one sex rather than the other; but not in אֲבוֹת *fathers*, which can never have been a feminine. One might be tempted in this case to suspect that וֹ was not the sign of the plural, comp. אֲחוֹת *sister*, חֹמָת *mother-in-law*, but that וֹ belonged to the radical portion of the word, and that הַ was appended to form a collective, *fatherhood*, § 198, which has in usage taken the place of the proper plural. More probably, however, the idea of official dignity, which was so prominently attached to the paternal relation in patriarchal times, is the secret of the feminine form which יִ assumes in the plural, comp. מְדַבְּרִים *leaders*, קוֹרְאִים *preacher*, while its construction as a masculine springs so directly out of its signification as to remain unaffected. And this suggests the idea that the like may have happened to names of inanimate objects. They may receive the feminine ending in its neuter sense to designate them as things, § 198. c, while at the same time they are so conceived that the masculine construction is maintained.

§ 201. 1. Some substantives are, by their signification or by usage, limited to the singular, such as material nouns taken in a universal or indefinite sense, אֵשׁ *fire*, זָהָב *gold*, אֲדָמָה *ground*; collectives, בָּנִים *children*, עוֹרֹת *fowl*, עוֹרֹת *birds of*

prey, בָּקָר *large cattle* (noun of unity שׂוֹר *an ox*), זָבָן *small cattle* (noun of unity שֶׁה *a sheep or goat*); many abstracts, יְשׁוּעָה *salvation*, עִוְרָה *blindness*. On the other hand some are found only in the plural, such as nouns, whose singular, if it ever existed, is obsolete, מַיִם *water*, פְּנֵים *face or faces*, שָׁמַיִם *heaven*, מְעֵים *bowels*, מְתִים *men*, מְרַאשׁוֹת *adjacent to the head*, and abstracts, which have a plural form, חַיִּים *life*, אַהֲבָים *love*, רַחֲמִים *mercy*, תְּהַבִּילוֹת *government*.

a. The intimate connection between a collective and an abstract is shown by the use of the feminine singular to express both, § 198. In like manner the plural, whose office it is to gather separate units into one expression, is used to denote in its totality or abstract form that common quality which pervades them all and renders such a summation possible, comp. τὰ δίκαια *right*, τὰ ἄδικα *wrong*. Some abstracts adopt indifferently the feminine or the plural form, אֱמוּנָה and אֱמוּנִים *fidelity*, גְּאֻלָּה and גְּאוּלִּים *redemption*, חַיָּה and חַיִּים *life*, חֹשֶׁךְ and חֹשְׁכִים *darkness*, מְצֻאָה and מְצֻאִים *setting of gems*.

b. The form קְבוּלָה is adopted by certain words which denote periods of human life. נְעוּרִים *childhood*, עֲבוּרִים *youth*, בְּתוּרִים *adolescence*, בְּתוּלָה *virginity*, בְּלוּלוֹת *period of espousals*, זְקֵנִים *old age*.

c. Abstracts, which are properly singular, are sometimes used in the plural to denote a high degree of the quality which they represent, or repeated exhibitions and embodiments of it, גְּבוּרָה *might*, גְּבוּרוֹת *deeds of might*.

2. There are a few examples of the employment of the plural form when a single individual is spoken of, to suggest the idea of exaltation or greatness. It is thus intimated that the individual embraces a plurality, or contains within itself what is elsewhere divided amongst many. Such plurals of majesty are אֱלֹהִים *God* the supreme object of worship, אֲדֹנָי *Supreme Lord* prop. *my Lord*, § 199. c, and some other terms referring to the divine being, גְּבוּרָה Eccles. 12 : 1, גְּבוּרִים Eccles. 5 : 7, עֲשׂוּהָ Isa. 54 : 5, קְדוּשִׁים Hos. 12 : 1; also, אֲדֹנָיִם (rarely with a plural sense) *lord*, בָּעָלִים (when followed by a singular suffix) *master*, בְּהֵמוֹת *Behemoth, great beast*, and possibly תְּרַפִּים *Teraphim*, which seems to be used of a single image, 1 Sam. 19 : 13, 16.

§ 202. The dual is formed by adding ים to the singular

of both genders, ה as the sign of the feminine remaining unchanged, and ה, reverting to its original form ה, § 196. *b*,
 הַ *hand* du. הַיָּדַיְם, הַלְּבַיְתָה *door* du. הַלְּבַיְתַיְם, הַשֵּׁפָה *lip* du. הַשֵּׁפָתַיְם.

a. The dual ending in Hebrew, as in the Indo-European languages, Bopp Vergleich. Gramm. § 206. is a modified and strengthened form of the plural ending. The Arabic goes beyond the Hebrew in extending the dual to verbs and pronouns. The Chaldee and Syriac scarcely retain a trace of it except in the numeral two and its compounds.

§ 203. The dual in Hebrew expresses not merely two, but a couple or a pair. Hence it is not employed with the same latitude as in Greek of any two objects of the same kind, but only of two which belong together and complete each other. It is hence restricted to

1. Double organs of men or animals, אָזְנוֹתַיְם *ears*, אֲפָסַיְם *nostrils*, קַרְנוֹתַיְם *horns*, כַּנְּפַיְם *wings*.

2. Objects of art which are made double or which consist of two corresponding parts, מְאַזְזַיְם *pair of shoes*, מְאָזְזַיְם *pair of scales*, מְלַקְחַיְם *pair of tongs*, דְּלָתַיְם *folding doors*.

3. Objects which are conceived of as constituting together a complete whole, particularly measures of time or quantity, יְרֵמַיְם *period of two days*, בִּדּוּמַיְם *two weeks*, *fortnight*, שְׁנַתַיְם *two years*, *biennium*, סִאתַיְם *two measures*, כַּפְרַיְם *two talents*, דְּרָבַיְם Prov. 28 : 6, 18 *double way* (comp. in English *double dealing*), נְהַרַיְם *pair of rivers*, i. e. the Tigris and Euphrates viewed in combination.

4. The numerals שְׁנַיְם *two*, כְּפָלַיְם *double*, מֵאתַיְם *two hundred*, אֲלָפַיְם *two thousand*, רַבּוּתַיְם *two myriads*, שִׁבְעֵתַיְם *sevenfold*, כְּלָאֵי *of two sorts*.

5. A few abstracts, in which it expresses intensity, צַעֲזַתַיְם *double-slothfulness*, מִרְתַּבּוּתַיְם *double-rebellion*, כְּהַרַיְם *double-light*, i. e. *noon*, רְשָׁעֵתַיְם *double-wickedness*.

a. Names of objects occurring in pairs take the dual form even when a higher number than two is spoken of. שְׁלֹשׁ הַשִּׁנַּיְם 1 Sam. 2 : 13 *the three teeth*, אַרְבַּע כַּנְּפַיְם Ezek. 1 : 6 *four wings*, שֵׁשׁ כַּנְּפַיְם Isa. 6 : 2 *six wings*,

שֵׁבַע עֵינָיִם Zech. 3:9 *seven eyes*, וְכָל-יָדָיוּ וְכָל-יָדָיוּ *all the hands and all knees* Ezek. 7:17. Several names of double organs of the human or animal body have a plural form likewise, which is used of artificial imitations or of inanimate objects, to which these names are applied by a figure of speech, § 193. c, קַרְנֵי זָבִיבִים *horns*, קַרְנֵי אֹתֵלֶת *horns* of the altar, כַּנְּפֵי *wings*, קַנְפֵי *extremities*, שֵׁפְעֵי *shoulders*, שֵׁפְעֵי *shoulder-pieces* of a garment, עֵינָיִם *eyes*, מְצֻדֹת *fountains*, רַגְלָיִם *feet*, רַגְלֵי *times* prop. beats of the foot. In a few instances this distinction is neglected, שֵׁפְעֵי and שֵׁפְעֵי *lips*, רַגְלֵי and רַגְלֵי *sides*, קַנְפֵי *extremities*.

b. The dual ending is in a very few words superadded to that of the plural, הַחֲמוֹת *walls* of a city, הַחֲמוֹת *double walls*, לִבְרֵית *boards*, לִבְרֵית *double boarding* of a ship, גְּזֵרֵי *name* of a town in Judah, Josh. 15:36.

c. The words מַיִם *water* and שָׁמַיִם *heaven* have the appearance of dual forms, and might possibly be so explained by the conception of the element of water as existing in two localities, viz. under and above the firmament, Gen. 1:7, and heaven as consisting of two hemispheres. They are, however, commonly regarded as plurals, and compared with such plural forms in Chaldee as מַיִן Dan. 5:9 from the singular מַיִן. In יְרוּשָׁלַיִם *Jerusalem*, or as it is commonly written without the Yodh יְרוּשָׁלַיִם, the final Mem is not a dual ending but a radical, and the pronunciation is simply prolonged from יְרוּשָׁלַיִם, comp. Gen. 14:18, Ps. 76:3, though in this assimilation to a dual form some have suspected an allusion to the current division into the upper and the lower city.

§ 204. It remains to consider the changes in the nouns themselves, which result from attaching to them the various endings for gender and number that have now been recited. These depend upon the structure of the nouns, that is to say, upon the character of their letters and syllables, and are governed by the laws of Hebrew orthography already unfolded. These endings may be divided into two classes, viz.:

1. The feminine ת, which, consisting of a single consonant, causes no removal of the accent and produces changes in the ultimate only.

2. The feminine ה, the plural ים and ו, and the dual ים, which remove the accent to their own initial vowel, and may occasion changes in both the ultimate and the penult.

§ 205. Nouns which terminate in a vowel undergo no change on receiving the feminine characteristic ת, מִצְבֵּי

Moabite, מוֹאָבִית *Moabites*, מוֹאָבִיִּם *finding* fem. מוֹצֵאת, *sinner*, חַטָּאת *sin*, § 198. Nouns which terminate in a consonant experience a compression of their final syllable, which, upon the addition of ת, ends in two consonants instead of one, § 66. 2, and an auxiliary Seghol is introduced to relieve the harshness of the combination, § 61. 2. In consequence of this the vowel of the ultimate is changed from *ā* or *ă* to *ĕ*, § 63. 2. *a*, from *ē* or *ī* to *ĕ*, or in a few words to *ē*, and from *ō* or *ū* to *ō*, § 61. 4. אֲדָמָהִם נְשֻׁבֵר *broken* fem. אֲדָמָהִם נְשֻׁבֵר *reddish* fem. אֲדָמָהִם נְשֻׁבֵר, הֹלֵךְ *going* fem. הֹלֵכָה, אֲבִיר *master*, אֲבִירָה *mistress*, חֲמִשָּׁה *five* fem. חֲמִשָּׁה, אִישׁ *man*, אִשָּׁה *woman*, § 214. 1. *b*, נִפְּזָה *scattered* fem. נִפְּזָה, נְחֹשֶׁת and נְחֹשֶׁת *brass*. When the final consonant is a guttural, there is the usual substitution of Pattahh for Seghol, שְׁמִיעַ *hearing* fem. שְׁמִיעָה, מְגַיֵּחַ *touching* fem. מְגַיֵּחָה.

a. In many cases the feminine is formed indifferently by ה or by הָ ; in others usage inclines in favor of one or of the other ending, though no absolute rule can be given upon the subject. It may be said, however, that adjectives in ך, almost always receive ה; active participles, except those of שׁ, שׂ and לׁ verbs, oftener take ה than הָ ; ה is also found, though less frequently, with the passive participles except that of Kal, from which it is excluded.

b. A final ך, ך or ה is sometimes assimilated to the feminine characteristic ה and contracted with it, § 54, בַּת for בָּתָה *daughter*, כֶּסֶף for כֶּסֶפָה *gift*, אֱמֶת for אֱמֶתָה *truth*, אֶחָד for אֶחָדָה *one*, קִינ. 1:15 for קִינָה *ministering*, מִשְׁחָה Mal. 1:14 for מִשְׁחָה *corrupt*, מִשְׁחָה for מִשְׁחָה *pan*. The changes of the ultimate vowel are due to its compression before concurring consonants.

c. The vowel *ā* remains in הַשְׁוֹמֵת Lev. 5:21 *deposit*, and the proper name תַּחְנוּמֶת *Tanhumeth*. From הָאֵל *brother*, הָאֵל *father-in-law* are formed אֵחָה *sister*, הָמוֹת *mother-in-law*, the radical ך, which has been dropped from the masculine, retaining its place before the sign of the feminine, comp. § 101. 1. *a*; נִפְּזָה *difficult* Deut. 30:11 is for נִפְּזָה from נִפְּזָה.

§ 206. The changes which result from appending the feminine termination ה, the plural terminations ים and ות, and the dual termination ים, are of three sorts, viz. :

1. Those which take place in the ultimate, when it is a mixed syllable.

2. Those which take place in the ultimate, when it is a simple syllable.

3. Those which take place in the penult.

§ 207. When the ultimate is a mixed syllable bearing the accent, it is affected as follows, viz. :

1. Tseré remains unchanged, if the word is a monosyllable or the preceding vowel is Kamets, otherwise it is rejected; other vowels suffer no change, מֵת *dead fem.* מֵתָה, pl. מֵתִים; רֵף *thigh du.* רֵפְיִים, שָׁלֵם *complete fem.* שָׁלְמָה, pl. שְׁלָמִים, f. pl. שְׁלָמוֹת; הֹלֵךְ *going fem.* הֹלֵכָה, pl. הֹלְכִים, f. pl. הֹלְכוֹת.

a. The rejection of Tseré is due to the tendency to abbreviate words which are increased by additions at the end, § 66. 1. It is only retained as a pretonic vowel, § 64. 2, when the word is otherwise sufficiently abbreviated, or its rejection would shorten the word unduly. Tseré is retained contrary to the rule by שְׁלֵשִׁים, שְׁבַעִים *children of the third and fourth generations*, by a few exceptional forms, e. g. בְּגֵרָה Jer. 3:8, 11, מְשַׁבְּלָה Ex. 23:26, לְטֹרֵף Cant. 1:6, שׁוֹמְרָה Isa. 54:1, and frequently with the pause accents. § 65, e. g. הֹלֵכָה Isa. 21:3, שׁוֹמְרָה Lam. 1:16, שׁוֹמְרָה Isa. 49:8, שׁוֹמְרָה Ex. 28:40, סְבִירָה Gen. 19:11, 2 Kin. 6:18 (once with Tiphhiha): גְּזֵלָה Isa. 2:20, פְּרִיָּה Eccles. 2:5, מְזִמָּה Isa. 2:4. It also appears in several feminine substantives, both singular and plural, e. g. מְבַרְחָה *overthrow*, מוֹצֵצוֹת *counsels*, תּוֹעֵבָה *abomination*, מְשַׁבְּלָה *staff*, מְשַׁבְּלָה *witch*. On the other hand, the following feminines reject it though preceded by Kamets, רֵפְיָה *wild-goat, fem.* רֵפְיָה, ostrich, fem. רֵפְיָה, רֵף *thigh, fem.* רֵפְיָה. It is also dropped from the plural of the monosyllable בֵּן *son*, and its place supplied by a pretonic Kamets, בָּנִים *sons*, בָּנוֹת *daughters*, the singular of the feminine being בַּת for בָּתָה, § 205. b; so מוֹלֵךְ pl. מוֹלְכוֹת.

b. Kamets in the ultimate is retained as a pretonic vowel, לָבָן *white, fem.* לָבָנָה, pl. לָבָנִים, f. pl. לָבָנוֹת; מְבַרְחָה *fortress, pl.* מְבַרְחוֹת and מְבַרְחוֹת, only disappearing in a few exceptional cases, שֵׁנִי *hair, fem.* שֵׁנִיָּה, שֵׁנִיָּה *quail, pl.* שֵׁנִיָּה, מְגִישָׁה *pasture, pl.* מְגִישֵׁה once מְגִישָׁה and מְגִישָׁה *fords*, בָּתָר *talent du.* בָּתָרָה but in pause בָּתָרָה, river *du.* נָהָר. The לָהֵם participles נִבְּאָה *prophesying pl.* נִבְּאָה, נִבְּאָה *polluted pl.* נִבְּאָה, נִבְּאָה *found pl.* נִבְּאָה adopt the vowels of הָהֵם forms. § 165. 2; but with the pause accents Kamets returns, נִבְּאָה Ezek. 13:2, נִבְּאָה Ezr. 8:25. The foreign word פְּרָבִיר *suburbs* forms its plural irregularly פְּרָבִירִים.

c. Hholem and Hhirik commonly suffer no change; but in a few words Shurek takes the place of the former, and in one Tseré is substituted for the latter, § 66. 2 (3), מְגִירָה *terror pl.* מְגִירָה, מְגִירָה *habitation pl.* מְגִירָה, מְגִירָה *sweet fem.* מְגִירָה, מְגִירָה *distress fem.* מְגִירָה, מְגִירָה *lodging fem.* מְגִירָה, מְגִירָה *flight fem.* מְגִירָה, מְגִירָה *rest fem.* מְגִירָה, מְגִירָה *fortification fem.* מְגִירָה, מְגִירָה *deep fem.* מְגִירָה, מְגִירָה *Prov. 23:27 and מְגִירָה*

הַפְּזוּחַ, or receiving Daghesth-forte conservative in order to preserve the short vowel. אֲפֹל pl. אֲפֹלִים; so אֲרוֹן *wheel*, מַרְמֵל *myrtle*, מְעַלְעָל *few*. תְּהַחַח *frightful*, יָרֵחַ *greenish*, מְאֲדוּר *desire*. Before gutturals Pattahh may be retained in an intermediate syllable. לֶחֶם *fresh* pl. לֶחָיִם, or lengthened to Kamets, § 60. 4. שִׁיר *prince* pl. שִׁירִים fem. שִׁירָה; so אֶצְבָּעוֹת *fingers*, אַרְבָּעוֹת *four*, כְּבוֹכָבִים *helmets*, מְצָרִים *straits* and הַדָּבָרִים *baskets*, לִלְוֹאִים *loops*, which do not occur in the singular, but are commonly referred to the הַגִּבּוֹרִי, § 194. *b*, ר being changed to א as in § 208. 3. *d*; also שֵׁר *breast*, which omits Daghesth du. שִׁירִים. Pattahh is in the following examples changed to Hhirik before the doubled letter, § 58. 2. פְּזוּ *prey* fem. פְּזוּהָ, חֹה *fear* fem. חֹהָה, תְּהַחַח *wine-press* pl. גְּתוּחִים, מַד *garment* pl. מַדִּים and מְדִים, מַטְבֵּל *tribute*, סֵב *basin*, פֶּה *morsel*, צָד *side*, גַּלְגָּל *wheel*, סְבָכִים *baskets*, סְנִינִים *palm-branches*, מְזַרְגָּה *threshing-sledge* pl. מְזַרְגִּים or by the resolution of Daghesth-forte, § 59. *a*. מְזַרְגָּהִים. It is rejected from צִמְצָמִים *cymbal* pl. מְצַמְצָמִים. זֶן *sort* pl. זָנִים, בְּרִיָּה *berries*, probably from בְּרִיָּה *men*, from the obsolete singular, מֵר. The plural of עַם *people* is עַמִּים and in a very few instances with the doubled letter repeated, עַמְעַמִּים; so הָר *mountain* pl. הָרִים and הַרְרִים Deut. 8:9. צֶל *shadow* pl. צִלִּים. חֹק *statute* pl. חֻקִּים. and twice in the construct, חֻקֵּי חֻקֵּי Judg. 5:15, Isa. 10:1, which implies the absolute form חֻקֵּי חֻקֵּי.

b. The final letter is doubled after Kamets in the following words besides those from ע"ו roots, אֲפֹל *porch* pl. אֲפֹלִים; so אֲתָנָן *hire*, גַּמְלָה *camel*, זְמַן *time*, חֹשֶׁךְ *darkness*. מְרָחֵק *distance*. קָטָן *small*. הַיָּזֵן *green*. שָׁמֵן *quiet*, לִילִי *lily*, שֵׁן *coney*, to which should perhaps be added עֲתָרָב Deut. 8:15 *scorpion*, though as it has a pause accent in this place which is the only one where it is found with Kamets, its proper form may perhaps have been עֲתָרָב. § 65. The Niphal participle נִבְדָּר *honored* has in the plural both נִבְדָּרִים and נִבְדָּרִים. Several other words, which only occur in the plural, are in the lexicons referred to singulars with Kamets in the ultimate; but the vowel may, with equal if not greater probability, be supposed to have been Pattahh. Kamets is shortened to Pattahh before ח, which does not admit Daghesth-forte, in the plurals of אָח *brother* pl. אָחִים, חֹךְ *hook*, מְבַטָּח *confidence*, § 60. 4. *a*.

c. The following nouns with Hholem in the ultimate fall under this rule, in addition to those derived from ע"ו roots, אֶבֶן *peak* pl. אֶבְנִים, כֹּהֵן *sacred scribe*. בַּד *band*, לֵא *nation*, נָדָה *naked*, and several adjectives of the form קָטָן, which are mostly written without the vowel-letter ו, § 14. 3, e. g. אֶדָה *red* fem. אֶדְמָה, אֶדְמָה *terrible*, אָרָה *long*, etc.; אֶדְמָה *dunghill* takes the form אֶדְמָה in the plural.

d. There are only two examples of doubling when the vowel of the ultimate is Shurek, הַרְחֵל *Prov. 24:31 nettles or brambles* from הַרְחֵל, רְאֵזוֹת Esth. 2:9 from רְאֵזוֹת Kal pass. part of רָאָה.

e. אִישׁ (אִישׁ) *man* is not contracted in the plural אִישִׁים *men*; in the feminine, for the sake of distinction, the initial weak letter is dropped. אִישִׁים *women*, which is used as the plural of אִישָׁה *woman*; אִישִׁים *men* and אִישִׁים *women* are rare and poetic. אִישִׁים *ploughshare* has either אִישִׁים or אִישִׁים in the plural.

§208. 1. Segholate nouns, or those which have an unaccented vowel in the ultimate, drop it when any addition is made to them, §66. 2. (1). As this vowel arose from the concurrence of vowelless consonants at the end of the word, the necessity for its presence ceases when that condition no longer exists. Segholates thus revert to their original form of a monosyllable ending in concurrent consonants, §183.

2. Monosyllables of this description receive the feminine ending with no further change than the shortening due to the removal of the accent, in consequence of which *ō* becomes *ō* or more rarely *ū*, *ē* becomes *ī* or more rarely *ē*; *ē* may be restored to *ā* from which it has commonly arisen, §183, or like *ē* it may become *ī* or *ē*, עֲזָמָה (עֲזָם) *strength* fem. עֲזָמָה, חֶפְזָה (חֶפְזָה) fem. חֶפְזָה *freedom*, אָמַר (אָמַר) *saying* fem. אָמַרָה and אָמַרָה, מֶלֶךְ (מֶלֶךְ) *king* מֶלֶכָה *queen*, טָבַח טָבַחָה *slaughter* fem. טָבַחָה.

a. Nouns having either of the forms קָמֶטָה, קָמֶטָה, קָמֶטָה, קָמֶטָה, are consequently to be regarded as sprung from monosyllables with the vowel given to the first radical.

3. Before the plural terminations a pretonic Kamets is inserted, and the original vowel of the monosyllable falls away, מֶלֶךְ (מֶלֶךְ) *king* pl. מְלָכִים, מֶלֶכָה *queen* pl. מְלָכוֹת, אָמַר (אָמַר) *saying* pl. אָמַרִים, אָמַרָה *id.* pl. אָמַרֹת, עָבַל (עָבַל) *work*, pl. עָבָלִים, חָטָא *sin* pl. חָטָאִים.

a. Pretonic Kamets is not admitted by the numerals עֶשְׂרִים *twenty* from עָשָׂר *ten*, שִׁבְעִים *seventy* from שֶׁבַע *seven*, תִּשְׁעִים *ninety* from תֵּשַׁע *nine*. The words בִּשְׁטָנִים *pistachio-nuts*, הַבֹּנִים *ebony*, צִיָּאִים Job 40:21, 22, רַחֲמִים *mercies*, שִׁקְמוֹת and שִׁקְמוֹת *sycamores*, which do not occur in the singular, have been regarded as examples of a like omission. But there need be no assumption of irregularity if the first is taken with Fürst from בִּשְׁטָנִים, the second with Gesenius from הַבֹּנִים, and the others are explained after a like analogy. Quadriliteral Segholates also receive pretonic Kamets in the plural בְּנָנִים pl. בְּנָנִים *merchants*, unless the new letter creates an additional syllable, in which case the introduction of Kamets would prolong the word too much, צַפְרָן pl. צַפְרָנִים *concupine* pl. צַפְרָן, נַיִל pl. נַיִלִים *nail* pl. נַיִלִים.

b. The superior tenacity of Hholem, §60. 1. a (4). is shown by the occasional retention of *o*, not only as a compound Sh'va under gutturals. אֲרַחַי pl. אֲרַחַיִם, so אֲרַחַיִם *mouth*, הָרֶשֶׁת *thicket*, עֹפָר *sheaf*, עֹפָר *fawn*; but as

Kamets-Hhatuph in קֹדֶשׁ *holiness* pl. קֹדְשִׁים and קִדְשִׁים *root* pl. אֲשֵׁרִים, § 19. 2. or as a long vowel in אֹהֶל *tent* pl. אֹהֶלֶת *stall* pl. אֲרָהֶת, § 60. 3. c, or shifted to the following letter so as to take the place of the pretonic Kamets in תֵּבֶן *thumb* pl. בְּהוֹנִית, נֹנָה *brightness* pl. נֹנְהוֹת, § 184. a. Comp. פֶּסֶל (פִּסְלָה) *graven image* pl. פְּסִילִים. In other nouns it is rejected. מֶזְרָח *morning* pl. בְּקָרִים; so תֶּרֶן *threshing-floor*, סִפְסָף *cypress*, קָמָץ *handfull*, רִמָּח *spear*, רִיחַ *juniper*, שֶׁלֶל *hollow of the hand*.

c. Middle Vav quiesces in the plural of the following nouns: מוֹת *death* pl. מִיָּתִים, מִיָּתִים *iniquity* pl. מִיָּתִים, Gesenius regards אֲזָרִים Prov. 11: 7, Hos. 9: 4, as the plural of אֲזָן, while others derive it from אֲזָן, translating it *riches* in the former passage and *sorrow* in the latter, the primary idea out of which both senses spring being that of *toil*. Middle Yodh quiesces in the plural of אֲרָמִים *ram* pl. אֲרָמִים, אֲרָמִים *olive* pl. אֲרָמִים, לַיְלִית *night* pl. לַיְלִית, but not in תְּרִיב *strength* pl. תְּרִיבִים, מְנַחֵם *fountain* pl. מְנַחֵמִים, אֲסִיל *ass-colt* pl. אֲסִילִים, גֹּאֵשׁ *goat* pl. גֹּאֵשִׁים. The plural of אֲרָז *valley* is אֲרָזִים by transposition from the regular form אֲרָזִית which is twice found in the K'thikh 2 Kin. 2: 16, Ezek. 6: 3; בַּיִת *house* has as its plural בָּתִּים, whether this be explained as for בָּתִּים from בָּנָה *to build* or for בָּתִּים from בָּיִת *to lodge*. Middle Yodh always quiesces before the feminine and dual endings, אֲזָרִים *provision* fem. אֲזָרָה, עֵינִים *eye* du. עֵינֵיךָ.

d. Monosyllables in ׀, from לִיָּ roots belong properly to this formation, § 57. 2 (4) and § 184. b. and follow the rules given above both in the feminine (אֲרָמִים *necklace* fem. אֲרָמִים, and the plural אֲרָמִים *lion* pl. אֲרָמִים and אֲרָמִים, אֲרָמִים *kid* pl. אֲרָמִים, or with the change of ׀ to א, § 56. 4, which also occurs in verbs, § 177. 3. אֲרָמִים *necklace* pl. אֲרָמִים, אֲרָמִים *simple* pl. אֲרָמִים, אֲרָמִים and אֲרָמִים *gazelle* pl. אֲרָמִים, אֲרָמִים and אֲרָמִים in like manner אֲרָמִים *branches*, אֲרָמִים *lions* are referred to אֲרָמִים and אֲרָמִים though these singulars do not occur; אֲרָמִים (*אֲרָמִים*) *utensil* does not receive Kamets in the plural אֲרָמִים.

4. The dual sometimes takes a pretonic Kamets like the plural, but more frequently follows the feminine in not requiring its insertion, דֶּלֶת (דִּלְתָה) *door* du. דֶּלֶתִים, דֶּרֶךְ (דִּרְכָה) *way* du. דֶּרֶכִים, קֶרֶן (קִרְוֶן) *horn* du. קֶרֶנִים and קֶרֶנִים, כֶּסֶף (כִּסְפָה) *check* du. כֶּסֶפִים, כֶּסֶף (כִּסְפָה) *knee* du. כֶּסֶפִים, so מֶתְנִים, מֶתְנִים, עֶרְבִים, עֶרְבִים.

§ 209. When the ultimate is a simple syllable, the following cases occur, viz :

1. Final ה is rejected before the feminine and plural endings, יָפָה *beautiful* fem. יָפָה, f. pl. יָפֹת, מְשֵׁה *work* pl. מְשֵׁהִים; so מַחֲנֶה *camp* du. מַחֲנֶים.

a. The last radical in words of this description is properly ׀, which is rejected after a vowelless letter, § 62. 2. c, so that יָפָה is for יָפָה and

מְשֻׁלָּמִים for מְשֻׁלָּמִים. In a very few instances the radical ׀ remains, e. g. מְשֻׁלָּמִים Cant. 1:7 from מְשֻׁלָּמִים (מְשֻׁלָּמִים) Isa. 25:6 from מְשֻׁלָּמִים (מְשֻׁלָּמִים) and is even strengthened by Dagliesh-forte, § 207. 2, מְשֻׁלָּמִים Lam. 1:16 from מְשֻׁלָּמִים. מְשֻׁלָּמִים and מְשֻׁלָּמִים, § 196. b. fem. of מְשֻׁלָּמִים Hos. 14:1, elsewhere מְשֻׁלָּמִים; מְשֻׁלָּמִים mouth, edge pl. מְשֻׁלָּמִים and מְשֻׁלָּמִים, or changed to ׀, § 56. 4, מְשֻׁלָּמִים (מְשֻׁלָּמִים) young lamb מְשֻׁלָּמִים (מְשֻׁלָּמִים). so that it is not necessary to assume a singular מְשֻׁלָּמִים which no where occurs, חֲלָבָיִם Ps. 10:8 חֲלָבָיִם ver. 10. See Alexander in loc.

2. Final ׀ may combine with the feminine and plural endings, so as to form מְשֻׁלָּמִים, מְשֻׁלָּמִים, or it may in the masculine plural be contracted to מְשֻׁלָּמִים, § 62. 2, עֲבָרִי Hebrew pl. עֲבָרִים and עֲבָרִים fem. עֲבָרָה f. pl. עֲבָרוֹת; צִי ship pl. צִים and צִים free pl. הַפְּשִׁי pure pl. נָקִי נָקִים. So nouns in מְשֻׁלָּמִים, upon the exchange of the feminine singular for the plural termination עֲמֹנִיִּת Ammonitess pl. עֲמֹנִיִּת Hittitess הַחִיִּית.

a. In עֲבָרִים 2 Chron. 17:11 Arabians from עֲבָרִי an ׀ is interposed, elsewhere מְשֻׁלָּמִים; מְשֻׁלָּמִים branches, מְשֻׁלָּמִים corners and מְשֻׁלָּמִים bowls, which do not occur in the singular, are assumed to be from מְשֻׁלָּמִים and מְשֻׁלָּמִים.

b. A few monosyllables in ׀ form their feminines in this manner, though in the masculine plural they follow the rule before given, § 208. 3. d, מְשֻׁלָּמִים kid fem. מְשֻׁלָּמִים lion. מְשֻׁלָּמִים lioness, § 196. d, מְשֻׁלָּמִים gazelle fem. מְשֻׁלָּמִים (מְשֻׁלָּמִים and מְשֻׁלָּמִים are used as proper names), מְשֻׁלָּמִים drinking fem. מְשֻׁלָּמִים.

3. There are few examples of final ׀ or ׀ with added endings. The following are the forms which they assume: מְשֻׁלָּמִים drink pl. מְשֻׁלָּמִים, מְשֻׁלָּמִים kingdom pl. מְשֻׁלָּמִים, § 62. 2, מְשֻׁלָּמִים testimony pl. מְשֻׁלָּמִים, מְשֻׁלָּמִים sister pl. מְשֻׁלָּמִים and מְשֻׁלָּמִים for מְשֻׁלָּמִים; מְשֻׁלָּמִים and מְשֻׁלָּמִים myriad pl. מְשֻׁלָּמִים, מְשֻׁלָּמִים and מְשֻׁלָּמִים; the dual מְשֻׁלָּמִים inserts the sign of the feminine.

a. מְשֻׁלָּמִים or מְשֻׁלָּמִים Jer. 37:16 cells is referred to the assumed singular מְשֻׁלָּמִים; מְשֻׁלָּמִים Isa. 3:16 K'thibh and מְשֻׁלָּמִים 1 Sam. 25:18 K'thibh are formed from מְשֻׁלָּמִים, מְשֻׁלָּמִים abbreviated Kal passive participles. § 172. 5, but in the absence of the appropriate vowel points their precise pronunciation cannot be determined.

b. Nouns ending in a quiescent radical ׀ may be regarded as terminating in a consonant, since this letter resumes its consonantal power upon an addition being made to the word. Comp. § 162. מְשֻׁלָּמִים found fem. מְשֻׁלָּמִים wild ass pl. מְשֻׁלָּמִים.

§ 210. The changes, which occur in the penult, arise from the disposition to shorten the former part of a word, when its accent has been carried forward by accessions at the end, § 66. 1. They consist in the rejection of Kamets or Tsere, גדול *great* fem. גדולה pl. גדולים f. pl. גדולות, הדבר *word* pl. הדברים, זכרון *memorial* pl. זכרונות, כנף *wing* du. כנפיים *restoring* pl. מְשִׁיבִים fem. מְשִׁיבָה *distress* pl. מְצָרִים *Levite* pl. לְוִי, except from nouns in ה in which the place of the accent is not changed by the addition of the terminations for gender and number, § 209. 1, רפה *beautiful* fem. רפיה pl. רפיות, שדה *field* pl. שדות, קשה *hard* pl. קשים and מטה *bowels*, נטה *smitten* pl. נטים. Other penultimate vowels are mostly exempt from change.

a. Kamets, which has arisen from Pattahh in consequence of the succeeding letter not being able to receive DagHesh-forte, as the form properly requires, is incapable of rejection. Such a Kamets is accordingly retained without change before ר. e. g. תָּהָשׁ for תָּהָשׁ, § 187. 1. *workman* pl. תְּהָשִׁים, so פָּרָשׁ *horseman*, בָּרַיַח *fugitive*, סָרִיס (const. סָרִיסִים) *eunuch*, פָּרִיץ *terrible*, פָּרִיץ *violent*, חָרִיץ *diligent*, or shortened to Pattahh before ח, § 60. 1. a (4), בָּחִיר *young man* pl. בְּחִירִים. Kamets is also retained in certain ע and לֹה derivatives as a sort of compensation for the reduction of the root by contraction or quiescence, e. g. מָגֵן *shield* pl. מְגָנִים and מְצֻנָה *fortress* pl. מְצֻנִים, עֲנָבִית *branch* pl. עֲנָבוֹת, זָוִית *corner* pl. זָוִיֹּת. Other instances of its retention are rare and exceptional, בָּגִיד *treacherous* fem. בְּגִידָה, שָׁבִיעַ (const. שָׁבִיעִים) *week* pl. שָׁבִיעִים and שָׁבִיעִית but du. שָׁבִיעִים, שָׁלִישׁ *warrior* pl. שָׁלִישִׁים.

b. When Kamets following a doubled letter is rejected, and DagHesh-forte is omitted in consequence, § 25, the antepenultimate vowel is in a few instances changed from Hhirik to Seghol, § 61. 5, רִשְׁוֹן *vision* pl. רִשְׁוֹנִים, עֲשָׂרֹן *a tenth* pl. עֲשָׂרִים, but זְכוֹרֹן *memorial* pl. זְכוֹרוֹת.

c. Tsere is not rejected if it has arisen from Hhirik before a guttural in a form which properly requires DagHesh-forte, תָּהָשׁ for תָּהָשׁ, § 187. 1. b, *deaf* pl. תְּהָשִׁים, or if it is commonly represented by י, § 14. 3, פִּיִּים or פִּיִּים, § 186, *hammer* pl. פִּיִּים, or a radical י quiesces in it, אֶרְבֶּן or אֶרְבֵּן (from אֶרְבֵּן, § 189) *perennial* pl. אֶרְבֵּיִם or אֶרְבֵּיִם, אֶתְנֵן *temple* pl. אֶתְנֵיִם and תִּפְאֵרֵת *rectitude*, אֶזְרִי (from אֶזְרִי or אֶזְרִי) *proud*. Other cases are rare and exceptional, e. g. אֶבְלָלִים Neh. 3:34 *feeble*.

d. Hholem is almost invariably retained in the penult, yet it yields to the strong tendency to abbreviation in the following trisyllables: אֶשְׁדוּדִית *Ashdoditess* pl. אֶשְׁדוּדִיִּת Neh. 13:23 K'ri (K'thibh אֶשְׁדוּדִיִּת), אֶמוֹנוֹת *Ammonitess* pl. אֶמוֹנוֹת id. (K'thibh אֶמוֹנוֹת, 1 Kin. 11:1 אֶמוֹנוֹת), אֶרְדִּי

Sidonian f. pl. צְרִיזִים where long Hhirik becomes T'sere before concurrent consonants, § 61. 4.

e. When the penult is a mixed syllable containing a short vowel, it is ordinarily not subject to change, § 58. 2. The tendency to the greatest possible abbreviation is betrayed, however, in a few examples by the reduction of the diphthongal Seghol to Pattahh, comp. § 60. 3. *b.* אֲשָׁפֵל cluster pl. אֲשָׁפֵלוֹת Cant. 7 : 8. מִרְדָּהֵם *chariot* fem. מִרְדָּהֵיָהּ pl. מִרְדָּהֵיָם. מִרְדָּהֵם *distance* pl. מִרְדָּהֵיָם and מִרְדָּהֵיָם, or of Pattahh to the briefest of the short vowels Hhirik, comp. § 207. 2. *a.* זֶפֶת *fury* pl. זֶפֶתִים. זֶפֶת *fork* pl. זֶפֶתִים. § 190. *a.* צִלְחָה *dish* pl. צִלְחָהִים by the resolution of Dagshesh-forte for צִלְחָהִים, § 59. *a.*; אֲחֵר for אֲחֵרִים *other* has in the plural אֲחֵרִים, אֲחֵרִים as if from אֲחֵר, אֲחֵרִים *coal* has pl. אֲחֵרִים by § 63. 1.

§ 211. In forming the plural of nouns, which have a feminine ending in the singular, the latter must first be omitted before the rules already given are applied. Thus, מַמְלָכָה *kingdom* by the omission of the feminine ending becomes מַמְלָךְ, hence, by § 207. 1, its plural is מַמְלָכוֹת; so מַלְכָּה *queen* becomes מַלְכֵּךְ, and by § 208. 3. its plural is מַלְכוֹת; אֵפֹדָה *epistle* becomes אֵפֹדִים, and by § 207. 1. its plural is אֵפֹדִים. As precisely the same changes result from appending the feminine ה, and the plural endings, except in the single case of Segholate nouns or monosyllables terminating in concurrent consonants, § 208, nouns in ה, become plural with no further change than that of their termination; only in the exceptional case referred to a pretonic Kamets must be inserted. Nouns in ה, after omitting the feminine ending, are liable to the rejection or modification of the vowel of the ultimate in forming the plural, as explained § 207. 1. *d.* and *e.* On the other hand, as the dual ending is not substituted for that of the feminine singular, but added to it, no such omission is necessary in applying the rules for the formation of the dual, it being simply necessary to observe that the old ending ה, takes the place of ה, § 202. Thus שָׁנָה (*שָׁנָה*) *year*, by § 210, becomes in the dual שְׁנֵהִים, שְׁנֵהִים *door*, by § 208. 4, du. שְׁנֵהִים, שְׁנֵהִים *brass* du. שְׁנֵהִים.

a. In the following examples a radical, which has been rejected from the singular, is restored in the plural. אָמָה (for אָמָה) *maid-servant* pl.

אֲחֻזָּה, חֶזֶק (for חֶזֶק from חֶזֶק) *portion* pl. חֶזְקוֹת and חֶזְקוֹת, comp. § 208. 3. *d.* חֶזְקָה (for חֶזְקָה from חֶזְקָה) pl. חֶזְקָה; in like manner חֶזְקוֹת *colleagues* is referred to the assumed singular חֶזְקָה. חֶזְקָה (חֶזְקָה) *governor* has in the plural both חֶזְקָה (const. חֶזְקָה) and חֶזְקוֹת.

THE CONSTRUCT STATE.

§ 212. When one noun stands in a relation of dependence on another, the second or specifying noun is, in occidental languages, put in the genitive case; in Hebrew, on the other hand, the second noun undergoes no change, but the first is put into what is commonly called the construct state (חֶזְקָה or חֶזְקָה *supported*). A noun which is not so related to a following one is said to be in the absolute state (מוֹכָרָה *cut off*). Thus, חֶזְקָה *word* is in the absolute state; but in the expression חֶזְקָה דְּבַר *verbum regis, the word of the king*, דְּבַר is in the construct state. By the juxtaposition of the two nouns a sort of compound expression is formed, and the speaker hastens forward from the first noun to the second, which is necessary to complete the idea. Hence results the abbreviation, which characterizes the construct state.

a. The term *absolute state* was introduced by Reuchlin; he called the construct *the state of regimen*.

§ 213. The changes, which take place in the formation of the construct, affect

1. The endings for gender and number.
2. The final syllable of nouns, which are without these endings.
3. The syllable preceding the accent.

§ 214. The following changes occur in the endings for gender and number, viz.:

1. The feminine ending ה, is changed to ה, שֶׁפָּחָה *handmaid* const. שֶׁפָּחָה; the ending ת remains unchanged, מִשְׁמָרָה *observance* const. מִשְׁמָרָה.

a. The explanation of this appears to be that the construct state retains the old consonantal ending הַ, the close connection with the following noun preserving it as if in the centre of a compound word, § 55. 2. c; whereas in the isolation of the absolute state, the end of the word is more liable to attrition and the consonant falls away.

b. Some nouns in הַ preceded by Kamets adopt a Segholate form in the construct. מַמְלָכָה kingdom const. מַמְלֻכָה instead of מַמְלֵכָה. § 61. 1. b, מְדִינָה dominion const. מְדִינֻלָה, מְלֻאכָה work const. מְלֻאכָה, מְדֻפָה chariot const. מְדֻפָה, מְדֻפָה crown const. מְדֻפָה, מְדֻפָה flame const. מְדֻפָה, מְדֻפָה ten const. מְדֻפָה, or with the Seghols changed to Pattahhs under the influence of a guttural, מְשֻפָּחָה family const. מְשֻפָּחָה, מְשֻפָּחָה four const. מְשֻפָּחָה; so מְדֻפָה fig-cake const. מְדֻפָה, מְדֻפָה woman, though it occurs in the absolute, Deut. 21: 11, 1 Sam. 28: 7, Ps. 58: 9, is mostly used as the construct of מְדֻפָה. On the other hand, מְדֻפָה bottle has in the construct מְדֻפָה Gen. 21: 14 (the accent thrown back by § 35. 1) as if from מְדֻפָה.

2. The ending ים of the masculine plural and ים of the dual are alike changed to י, קַרְנֵימַי nations const. עַמֵּי, קַרְנֵימַי horns const. קַרְנֵי; וְיָם of the feminine plural suffers no change קְלוֹתַי voices const. קְלוֹתַי.

a. The compression of *i* to *e* regularly takes place upon its being followed by concurrent consonants, § 61. 4. This is here suggested as the explanation of the change of vowel in the plural. It results from the close connection of the construct state, which as it were, unites the two words into one compound term; thus, בָּתַימַי houses joined to הֵבֶן hewn stone would become בָּתַימַי הֵבֶן, and by the dropping of the nasal, according to § 55. 2. b, בָּתַימַי הֵבֶן houses of hewn stone. Comp. § 199. e. In the dual the final nasal is likewise rejected, and *ay* combines to form the diphthongal *e*, § 57. 2 (5).

b. In a very few instances the vowel ending of the masculine plural construct is added to feminine nouns בָּתַימַי (the accent invariably thrown back by § 35. 1), commonly in the K'thibh במֵימַי const. of בָּתַימַי high-places. 1 Sam. 26: 12; this takes place regularly before suffixes, § 220. 2.

§ 215. 1. In a mixed final syllable Kamets is commonly shortened to Pattahh: so is Tsere when preceded by Kamets; other vowels remain without change, יָד hand const. יָד, מוֹשֵׁב seat const. מוֹשֵׁב, צַוְנָר neck const. צַוְנָר, זָקֵן old const. זָקֵן, לֵב heart const. לֵב, גִּבּוֹר mighty man const. גִּבּוֹר.

a. Kamets remains in the construct of אֹרְכָה porch const. אֹרְכָה, מְתָן gift const. מְתָן, עָבַד cloud (once const. עָבַד Ex. 19: 9), פְּתָרִים decree and יָם sea, e. g. יָם הַיָּם sea of salt, except in the phrase יָם הַיָּם sea of reed, i. e. Red Sea; חֵלֶב milk becomes חֵלֶב, and לָבָן white לָבָן Gen. 49: 12 in the construct.

b. Tseré remains in *שָׁשׁ* five const. *חַמֵּשׁ* *mire* const. *וְנוּן* *breathing* const. *רָפָח* *heel* const. *רָפָח* and in several proper names. It is occasionally shortened to Seghol before Makkeph in *אָבֵל* *mourning* const. *אָבֵל* *time* const. *עֵת* and *עֵת* *name* const. *שֵׁשׁ* and *שֵׁשׁ*: *בֵּן* *son*, which in the absolute retains Tseré before Makkeph, Gen. 30: 19, Ezek. 18: 10, has in the construct *בֶּן* or *בֶּן*. Tseré is shortened to Pattahh in a few cases not embraced in the rule, viz.: *קֶן* *nest* const. *אֵבֶר* *rod* const. *מַקְלָל* and *מַקְלָל* Deut. 32: 28 *perishing* const. of *אֵבֶר*, the Kal participles of Lamedh guttural verbs, § 126. 1, and the following nouns with prefixed *מ* in several of which a preceding Pattahh is likewise changed to Hhirik, § 190. a. *מַעֲשֵׂה* *tithe* const. *מַעֲשֵׂה* *mourning* const. *מַעֲשֵׂה* *key* const. *מַעֲשֵׂה* and *מַעֲשֵׂה* *lair* const. *מַעֲשֵׂה* *clamour* const. *מַעֲשֵׂה* *matrix* const. *מַעֲשֵׂה* *corruption* const. *מַעֲשֵׂה* *altar* const. *מַעֲשֵׂה*.

c. Hholem is shortened to Kamets-Hhatuph before Makkeph in the construct of monosyllables from *ע* roots, *חָק* *statute* const. *חָק* and *חָק*, rarely in other words *חָקֶל* Prov. 19: 19, Ps. 145: 8, Nah. 1: 3 (in the last two passages the K'thibh has *גדול*), *חָקֶל* Job 17: 10, Prov. 22: 11, *חָקֶל* Ex. 30: 23. *חָקֶל* Ex. 21: 11; this becomes Pattahh before the guttural in *חָקֶל* for *חָקֶל* construct of *חָקֶל* *high*. *כֹּל* *kól* construct of *כֹּל* *all* occurs twice, viz.: Ps. 35: 10, Prov. 19: 7, without a Makkeph following, § 19. 2. a; it must not be confounded with *כָּל* *kál* Isa. 40: 12 *he comprehended* pret. of *כָּל*.

d. The termination *י* becomes *י* in the construct, § 57. 2 (5), *י* *enough* const. *י* *life* const. *י*.

e. Three monosyllabic nouns form the construct by adding a vowel, *אָב* *father* const. *אָב* Gen. 17: 4, 5, elsewhere *אָבִי*, *אָח* *brother* const. *אָחִי*, *רֵעַ* *friend* const. *רֵעִי* 2 Sam. 15: 37, 1 Kin. 4: 5, or *רֵעִי* 2 Sam. 16: 16, Prov. 27: 10 K'thibh. These may be relics of the archaic form of the construct, § 218, or the monosyllables may be abridged from *ל* roots, § 185. 2. c.

2. In a simple final syllable *ה* is changed to *ה*, *שֶׂה* *sheep* const. *שֶׂה*, *רֹעֶה* *shepherd* const. *רֹעֶה*, *שָׂדֶה* *field* const. *שָׂדֶה*; other vowels remain unchanged.

a. This is an exception to the general law of shortening, which obtains in the construct. It has, perhaps, arisen from the increased emphasis thrown upon the end of the word, as the voice hastens forward to that which is to follow. In like manner the brief and energetic imperative ends in Tseré in *ל* verbs, while the future has Seghol, § 168. c. An analogous fact is found in the Sanskrit vocative. The language of address calls for a quick and emphatic utterance; and this end is sometimes attained by shortening the final vowel, and sometimes by the directly opposite method of lengthening it. Bopp Vergleich. Gramm. § 205.

b. *פֶּה* *mouth* has *פִּי* in the construct.

c. Nouns ending in quiescent *א* preserve their final vowel unchanged in the construct, *רָאָה* *fearing* const. *רָאָה*, *אָחֵא* *host* const. *אָחֵא*.

§216. 1. Kamets and Tsere are commonly rejected from the syllable preceding the accent, מְקוֹם *place* const. מְקוֹם, שָׁנָה *year* const. שָׁנָה, שָׁנִים *years* const. שָׁנִים, אוֹצְרוֹת *treasures* const. אוֹצְרוֹת, יָדוֹם *hands* const. יָדוֹ, לֵבָב *heart* const. לֵבָב, חֲמָה *wrath* const. חֲמָה.

a. Kamets preceding the accented syllable is retained (1) when it has arisen from Pattahh before a guttural in consequence of the omission of Daghesh-forte, חָדָשׁ (for חֲדָשׁ) *workman* const. חָדָשׁ, פָּרָשׁ (פָּרָשׁ) *horseman* const. פָּרָשׁ, פָּרָכָה (פָּרָכָה) *vail* const. פָּרָכָה, צָרָה (צָרָה) *distress* const. צָרָה; (2) in words from ע" and ר" roots, עָרִים (from עָרִים) *cities* const. עָרִי, בָּאֵר (from בָּאוֹר) *coming* const. בָּאֵר; (3) under מ prefixed to ע" roots, מְצַיֵּן (from מְצַיֵּן) *covering* const. מְצַיֵּן, מִגֶּן (from מִגֶּן) *shield* const. מִגֶּן, מִצְדָּה (from מִצְדָּה) *fortress* const. מִצְדָּה; (4) in ל"ה derivatives of the form מְלוּחָה (from מְלוּחָה) *exile* const. מְלוּחָה, מְדַמְיָה *meditation* const. מְדַמְיָה. (5) in the construct dual and plural of trilateral monosyllables or Segholates from ל" and ל"ה roots, לְחָיִים (from לְחָיִים) *cheeks* const. לְחָיִים, גְּדָרִים (from גְּדָרִים) *kids* const. גְּדָרִים, חַטָּאִים (from חַטָּאִים) *sins* const. חַטָּאִים; (6) in the following nouns in most of which it stands immediately before or after a guttural, §60. 3. c. אָלָה *curse*, מְעָרָה *care*, מְעָלָה *conduit*, and the plurals, הוֹדָרִים, הַרְשֵׁי, הַרְשֵׁי, הַרְשֵׁי, מְרַבֵּי, מְרַבֵּי, מְרַבֵּי, מְרַבֵּי 2 Kin. 12: 8, הוֹשְׁבֵי, הוֹשְׁבֵי, מְעַבְדֵי, מְעַבְדֵי, מְעַבְדֵי, מְעַבְדֵי Eccles. 9: 1, הוֹשְׁבֵי, הוֹשְׁבֵי.

b. Tsere is retained in words in which it is commonly represented by the vowel-letter י, or has י quiescing in it, הַיְבֵל *temple* const. הַיְבֵל, and in addition in the following, אֲבוֹס *crib* const. אֲבוֹס, so אֲזוּר *girdle*, אֲזוּר *thread*, נֶזֶר *foreign land* const. נֶזֶר, אֲבֵדָה *loss* const. אֲבֵדָה, so אֲפֵלָה Isa. 58: 10 *darkness*, בְּרֵכָה *pool*, גְּנֵבָה Ex. 22: 2 *theft*, מַגָּפָה *plague*, מַחְפָּה *overthrow*, מַחְפָּה Gen. 49: 5 *sword*, מְסַכָּה *molten-image*, מִרְרָה Job 16: 13 *gall*, עֵבֶר *heap*, צָאָה *excrement*, תְּאֵנָה *fig-tree*, תְּרַחֵמָה *deep sleep*, and the plurals רֵשִׁי *mourning* from אֲבֵלִים (אֲבֵלִים), so רֵשִׁי *desiring*, רֵשִׁי *sleeping*, וְאֲבִים *rejoicing*, שָׁכַחְתִּי *forgetting*, וְאֲבִים *wolves* from אֲבִים (אֲבִים); רֵגֶזִים *weary* becomes רֵגֶזִים in the construct, and פָּלְטִים *escaped* פָּלְטִים.

c. Hholem is rejected from the syllable before the accent in אֲרָמָוֹת const. pl. of אֲרָמָוֹת *palace*, אֲשָׁפְלוֹת and אֲשָׁפְלוֹת const. pl. of אֲשָׁפְלוֹת *cluster*, תְּאוֹמִים Cant. 4: 5 and תְּאֵמִים Cant. 7: 4 *twins*, בְּמִתֵּי from בְּמִתֵּי *high-places*, see §214. 2. b; it is changed to *u* in מְטַמְאִים from מְטַמְאִים *treasures*, comp. §88.

d. Medial Vav and Yodh, though they may retain their consonantal power in the absolute, quiesce in Hholem and Tsere in the construct, תְּוֹהָה *midst* const. תְּוֹהָה, קִשְׁוֹת *cups* const. קִשְׁוֹת, בַּיִת *house* const. בַּיִת, עֵינֹת *fountains* const. עֵינֹת, גְּרָא *valley* const. גְּרָא, pl. גְּרָאוֹת, §208. 3. c. const. גְּרָאוֹת Ezek. 35: 8. Exceptions are rare, חָטָה (according to Kimchi חָטָה) Ezek. 28: 18 *iniquity*, מְדַמְיָה Prov. 19: 13 *contentions* צַוָּאר *neck* const. צַוָּאר and צַוָּארִי.

e. A few nouns of the forms תְּטַל, תְּטַל, תְּטַל have תְּטַל or תְּטַל in the construct instead of תְּטַל, §61. 1. b, גְּרָר *wall* const. גְּרָר, גְּרָר *robbery* const.

גֹּזֵל thigh const. רָקֵב heavy const. כָּבֵד and כְּבֹד, shoulder const. בָּהֶה smoke const. שָׁטָן and שָׁטָן, side const. צָלַע and צִלְעָה; long is only found in the construct, the corresponding absolute was probably אָרָה; אָרָה helmet simply shifts its accent in the construct, לֹבַב. On the other hand, while most Segholate nouns suffer no change in the construct, a few adopt the form חֲבַר, חֲבֵר chamber const. זֶרַע, זֵרַע seed const. once זֶרַע Num. 11:7 elsewhere זָרַע, זָרַע plant const. נָשָׂא, נָשָׂא fetus const. שֶׁנַּע, שֶׁנַּע seren const. תֵּשַׁע, תֵּשַׁע nine const. הֵשַׁע; in like manner חֲבַל ravity const. חֲבַל.

2. When this rejection occasions an inadmissible concurrence of vowelless consonants at the beginning of a syllable, § 61. 1, it is remedied by inserting a short vowel between them, commonly Hhirik, unless it is modified by the presence of gutturals, צִלְצִל tinkling const. צִלְצִל for צִלְצִל, words const. דְּבָרִים for דְּבָרִי, rightcousness const. צְדָקָה, pl. צְדָקוֹת, wise const. חֲכָמִים, beast const. בְּחֵמָה, חֲכָמִים. In the construct plural and dual of Segholates, however, the vowel is frequently regulated by the characteristic vowel of the singular which has been dropped, comp. § 208. 2, מַלְכִים from מֶלֶךְ (מֶלֶךְ) kings const. מַלְכֵי, שְׁבָטִים (שְׁבָט) tribes const. שְׁבָטֵי, גְרָנוֹת (גְרָן) threshing-floors const. גְרָנוֹת, הַרְפּוֹת (הַרְפָּה) reproaches const. הַרְפּוֹת, הַלְלוֹת (הַלֵּל) or הַלְלוֹת) folding doors const. הַלְלוֹת, yet not invariably שְׁעָלִים (שְׁעַל) handfuls const. שְׁעָלֵי, שֶׁקֶת, שֶׁקֶת trough (pl. שְׁקָתוֹת) const. שְׁקָתוֹת.

a. When in the construct plural the introduction of a new vowel is demanded by the concurrence of consonants, the syllable so formed is an intermediate one, so that the following Sh'va is vocal, and the next letter, if an aspirate, does not receive Daghes-lene, thus. הַלְלוֹת, מַלְכֵי, חֲבָרִים, הַלְלוֹת, חֲבָרִים, מַלְכֵי, חֲבָרִים, הַלְלוֹת, חֲבָרִים, § 22. a. 3. Exceptions are infrequent, as אֲשֵׁרִית Deut. 3:17, חֲסִיִּי Lam. 3:22 but חֲסִיִּי Ps. 89:2, חֲרָפֹת Ps. 69:10, חֲרָפֵי Ezek. 17:9, חֲסֵיִי Gen. 42:25, 35, חֲסֵיִי Lev. 23:18, חֲרָפֵי Isa. 5:10, חֲרָפֵי Neh. 4:7, חֲרָפֵי Cant. 8:6 but חֲרָפֵי Ps. 76:4. In a few instances Daghes-forte separative is inserted to indicate more distinctly the vocal nature of the Sh'va, § 24. 5, חֲרָפֵי Isa. 57:6, חֲרָפֵי Lev. 25:5, חֲרָפֵי Isa. 58:3, חֲרָפֵי Gen. 49:17, חֲרָפֵי Ps. 89:52, חֲרָפֵי Prov. 27:25, or compound Sh'va is taken instead of simple for the same reason, חֲרָפֵי Gen. 30:38. The presence or absence of Daghes-lene in the dual construct depends upon the form of the absolute, thus שְׁפָתַי from שְׁפָתַי lips but בְּרָכַי from בְּרָכַי knees. When the concurring consonants belong to different syllables a new vowel is not needed between

them; one is sometimes inserted, however, after a guttural, מְדַבֵּר but מְדַבְּרִים. In the opinion of Ewald מְקַדְּשֵׁי Ezek. 7:24 is for מְקַדְּשִׁים from מְקַדְּשִׁים and מְקַדְּשֵׁה Ex. 26:23, 36:28 for מְקַדְּשֵׁה; they may be better explained, however, as Piel and Pual participles.

b. The second syllable before the accent rarely undergoes any change. In a very few instances Seghol becomes Hhirik or Pattahh, the pure vowels being reckoned shorter than the diphthongal, comp. §210. e. מְרַבֵּה chariot const. מְרַבֶּה. The changes in לְהִבֵּה flame const. לְהִבֶּה pl. לְהִבֹת const. לְהִבֹת, גְּחִלִים coals const. גְּחִלִי are due to the influence of the proximate vowels, §63. 1; those in הַזְיוֹן vision const. הַזְיוֹן, כְּהֵלִי coals const. כְּהֵלִי are consequent upon the dropping of Daghash-forte, §61. 5; that in אֶהְלִי (from אֶהֱלֵי) tents const. אֶהְלִי arises from the conversion of a simple into an intermediate syllable, §59.

§ 217. The following table of the declension of nouns will sufficiently exemplify the rules which have been given.

DECLENSION OF NOUNS.

I. Nouns which suffer a change in the vowels only.

i. With Kamets or Tsere in the penult.

SING. Abs.	אֲדוֹן master	Const.	אֲדוֹן	PL. Abs.	אֲדוֹנִים	Const.	אֲדוֹנָיו
	זִכְרוֹן memorial		זִכְרוֹן		זִכְרוֹנִים		זִכְרוֹנָיו
	מְלִיצִי interpreter		מְלִיצִי		מְלִיצִים		מְלִיצָיו
Masc.	גָּדוֹל great	Fem.	גְּדוּלָה	Masc.	גְּדוּלִים	Fem.	גְּדוּלוֹת
	קָטוֹל Kal. pass. part.		קָטוּלָה		קָטוּלִים		קָטוּלוֹת

ii. With Tsere in the ultimate.

a. Monosyllables.

SING. Abs.	עֵץ tree.	Const.	עֵץ	PL. Abs.	עֵצִים	Const.	עֵצָיו
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b. Polysyllables having pretonic Kamets in the penult.

SING. Abs.	כָּבֵד heavy	Const.	כָּבֵד or כָּבֶד	PL. Abs.	כָּבֵדִים	Const.	כָּבֵדָיו
Masc.	יָבֵשׁ dry	Fem.	יְבֹשָׁה	Masc.	יְבֹשִׁים	Fem.	יְבֹשָׁת

c. Polysyllables having any other vowel than Kamets in the penult.

SING. Abs.	שׁוֹפֵט judge.	Const.	שׁוֹפֵט	PL. Abs.	שׁוֹפְטִים	Const.	שׁוֹפְטָיו
Masc.	קָטַל Kal. Act. part.	Fem.	קָטְלָה or קָטַלְתְּ	Masc.	קָטְלִים	Fem.	קָטַלְתְּ
	מְקַטֵּל Piel part.		מְקַטְלָה or מְקַטַּלְתְּ		מְקַטְלִים		מְקַטַּלְתְּ

DECLENSION OF NOUNS.

iii. With Kamets in the ultimate.

SING.	Abs.	דָּג	fish	Const.	דָּג	PL.	Abs.	דָּגִים	Const.	דָּגֵי
		מִקְדָּשׁ	sanctuary		מִקְדָּשׁ		Abs.	מִקְדָּשִׁים		מִקְדָּשָׁי
		דָּבָר	word		דָּבָר			דְּבָרִים		דְּבָרַי
		עָנָן	cloud		עָנָן			עֲנָנִים		עֲנָנַי
		לֵבָב	heart		לֵבָב			לִבְבוֹתַי		לִבְבוֹתַי
Masc.		חָכָם	wise	Fem.	חַכְמָה	Masc.		חַכְמוֹתַי	Fem.	חַכְמוֹתַי
		נִקְטָל	Niph. part.		נִקְטָלָה or נִקְטְלָתָה			נִקְטְלוֹתַי		נִקְטְלוֹתַי

iv. With final ה.

SING.	Abs.	מְרִאָה	appearance	Const.	מְרִאָה	PL.	Abs.	מְרִאוֹת	Const.	מְרִאוֹי
		קָנָה	reed		קָנָה			קָנִים		קָנָי
Masc.		רִפְּהָ	fair	Fem.	רִפְּהָ	Masc.		רִפְּוֹתַי	Fem.	רִפְּוֹתַי

v. Segholates.

SING.	Abs.	מֶלֶךְ	king	Const.	מֶלֶךְ	PL.	Abs.	מַלְכִּים	Const.	מַלְכָּי
		סֹתֵר	covert		סֹתֵר			סֹתְרִים		סֹתְרָי
		עֲצָם	strength		עֲצָם			עֲצָמוֹת		עֲצָמוֹתַי
		בַּעַל	lord		בַּעַל			בַּעְלִים		בַּעְלָי
		מָוֶת	death		מָוֶת			מָוֶתִים		מָוֶתַי
		עֵין	eye		עֵין	DUAL		עֵינַיִם		עֵינַי
		רֶגֶל	foot		רֶגֶל			רַגְלָיִם		רַגְלָי
		אָזֶן	ear		אָזֶן			אָזְנוֹתַי		אָזְנוֹתַי

II. Nouns which double their final consonant.

SING.	Abs.	גַּמְלָה	camel	Const.	גַּמְלָה	PL.	Abs.	גַּמְלִים	Const.	גַּמְלָי
		גַּן	garden		גַּן			גַּנִּים		גַּנִּי
		חֹק	statute		חֹק			חֻקִּים		חֻקִּי
		שֵׁן	tooth		שֵׁן	DUAL		שֵׁנַיִם		שֵׁנַי
		עִבְרִי	Hebrew		עִבְרִי	PL.		עִבְרִיִּים or עִבְרִים		עִבְרִי

DECLENSION OF NOUNS.

<i>Masc.</i>	קָטָן small	<i>Fem.</i>	קַטְנָה	<i>Pl. Masc.</i>	קַטְנִים	<i>Fem.</i>	קַטְנוֹת
	עָמֵק deep		עַמְיָקָה		עַמְיָקִים		עַמְיָקוֹת
	טָרֵי fresh		טְרֵיהֶן		טְרֵיָם		טְרֵיָת

III. Other nouns suffer no change.

<i>SING.</i>	<i>Abs.</i>	מַלְבֹּשֵׁי garment	<i>Const.</i>	מַלְבֹּשֵׁי	<i>Pl. Abs.</i>	מַלְבֹּשִׁים	<i>Const.</i>	מַלְבֹּשֵׁי
	<i>Masc.</i>	טוֹב good		טוֹבָה	<i>Masc.</i>	טוֹבִים	<i>Fem.</i>	טוֹבוֹת
		מִקְטִיל Hiph. part.		מִקְטִילָה or מִקְטִילַת		מִקְטִילִים		מִקְטִילוֹת

Nouns with the feminine ending ת.

i. With Kamets or Tseré in the penult.

<i>SING.</i>	<i>Abs.</i>	דָּגָה fish	<i>Const.</i>	דָּגַת	<i>Pl. Abs.</i>	דָּגוֹת	<i>Const.</i>	דָּגוֹת
		נִקְמָה vengeance		נִקְמַת		נִקְמוֹת		נִקְמוֹת
		עֲצָה counsel		עֲצַת		עֲצוֹת		עֲצוֹת
		שֵׁפָה lip		שֵׁפַת	<i>DUAL</i>	שֵׁפָתַים		שֵׁפָתַי

ii. From Segholates.

<i>SING.</i>	<i>Abs.</i>	מַלְכָּה queen	<i>Const.</i>	מַלְכַּת	<i>Pl. Abs.</i>	מַלְכוֹת	<i>Const.</i>	מַלְכוֹת
		סִתְרוֹה covert		סִתְרַת		סִתְרוֹת		סִתְרוֹת
		עֲצָמָה strength		עֲצַמַת		עֲצָמוֹת		עֲצָמוֹת

iii. All others.

<i>SING.</i>	<i>Abs.</i>	גַּנְיָה garden	<i>Const.</i>	גַּנִּית	<i>Pl. Abs.</i>	גַּנּוֹת	<i>Const.</i>	גַּנּוֹת
		יְשׁוּעָה salvation		יְשׁוּעַת		יְשׁוּעוֹת		יְשׁוּעוֹת

Nouns with the feminine ending ת.

<i>SING.</i>	<i>Abs.</i>	מִשְׁמֶרֶת observance	<i>Const.</i>	מִשְׁמֶרֶת	<i>Pl. Abs.</i>	מִשְׁמֶרוֹת	<i>Const.</i>	מִשְׁמֶרוֹת
		יוֹנְקָה sucker		יוֹנְקַת		יוֹנְקוֹת		יוֹנְקוֹת
		גִּלְגָּלֶת skull		גִּלְגָּלַת		גִּלְגָּלוֹת		גִּלְגָּלוֹת
		עֲבָרִית Hebrew-woman		עֲבָרִית		עֲבָרִיּוֹת		עֲבָרִיּוֹת
		מַלְכוּת kingdom		מַלְכוּת		מַלְכוּיֹת		מַלְכוּיֹת

PARAGOGIC VOWELS.

§ 218. The termination י, or ם is sometimes added to nouns in the construct singular, § 61. 6, מְלֹכֵי Gen. 49 : 11 for מְלָכֵי, מְלֹכֵי Isa. 1 : 21 for מְלָכֵי, רַבֵּי Lam. 1 : 1 for רַבֵּי, מְשֻׁבְּרֵי Ps. 113 : 6 for מְשֻׁבְּרֵי, חַיֵּי Gen. 1 : 24 for חַיֵּי. This occurs chiefly in poetry and is regarded as an archaism. These vowels for the most part receive the accent, and commonly occasion the rejection of Pattahh or Tsere from the ultimate.

a. Examples of this antique formation of the construct are likewise preserved in proper names, as מְלִי־צִדְקָה *Melchizedek*, מְתוּשֶׁלַח *Methuselah*. Respecting the origin of these vowel endings, see § 198. a (4).

§ 219. 1. The unaccented vowel ה, added to nouns indicates motion or direction towards a place, צָפוֹנָה *northward*, דְּבָרָה *southward*, שָׁמַיְמָה *heavenward*, הַבְּיָתָה *to the house*, οὐκόνδε, הַהָרָה *to the mountain*, whence it is called He directive or He local. The subsidiary vowel of Segholates is rejected before this ending, § 66. 2 (1), but other vowels are mostly unaffected, מְדָבָרָה from מְדַבֵּר, מְדָבָרָה from מְדַבֵּר, מְדָבָרָה from מְדַבֵּר 1 Kin. 19 : 15 from the construct state מְדַבֵּר.

a. He directive is appended to the adverb שָׁם *there*, שָׁמָּה *thither*, and to the adjective הַרְּחוֹקִים *profane* in the peculiar phrase הַרְּחוֹקִים *ad profanum* i. e. *be it far from*, etc. It is rarely used to indicate relations of time, מִיָּמִים וּמִיָּמִים 1 Sam. 1 : 3 *from days to days* i. e. *yearly*. שְׁלִישִׁתָּה Ezek. 21 : 19 *for the third time*. עַתָּה *now* prop. *at (this) time*. For the sake of greater force and definiteness a preposition denoting direction is sometimes prefixed to words, which receive this ending, so that the latter becomes in a measure superfluous, לְמַעְלָה *upwards*, לְמַטָּה *downwards*, לְמִזְרְחָה 2 Chron. 31 : 14 *to the east*, לְשֵׁאוֹלָה Ps. 9 : 18 *to Sheol*, comp. ἀπὸ μακρόθεν.

b. The ending ה, rarely receives the accent מְדַבֵּרָה Deut. 4 : 41; in מְדַבֵּרָה it receives in some editions an alternate accent, § 42. a. in others the secondary accent Methegh, § 33. 1. a. In הַרְּחוֹקִים Gen. 14 : 10 and מְדַבֵּרָה a is changed to e before this ending. § 63. 1. in הַרְּחוֹקִים Ezek. 25 : 13, מְדַבֵּרָה 1 Sam. 21 : 2 the vowel of the ending is itself changed to e.

c. He directive is probably to be traced to the same origin with the definite article ה, whose demonstrative force it shares. The syl-

lable ה is prefixed to a noun to single out a particular thing from all others of like kind as the object of attention. Appended to a word its weak guttural would be rejected and its vowel prolonged to ה, § 53. 3; and in this form it is added to nouns to point out the object or direction of motion, and to verbs to indicate the object of desire, § 97. 1. In Chaldee this appended vowel forms what is called the emphatic state, and has the sense of the definite article, מלך ה king, מלכה ה or מלכה ה the king.

2. Paragogic ה is sometimes appended to nouns, particularly in poetry, for the purpose of softening the termination without affecting the sense, § 61. 6.

NOUNS WITH SUFFIXES.

§ 220. The pronominal suffixes, whose forms are given § 72, are appended to nouns in the sense of possessive pronouns, יד ה hand, יד ה my hand, etc. They suffer, in consequence, the following changes, viz :

1. Of the suffixes, which begin with a consonant, ה, כ, ז, of the second person are connected with nouns in the singular by a vocal Sh'va, ו of the first person plural and ה of the second fem. singular by Tsere, and ה, ה, מ, ו of the third person by Kamets; ה is invariably contracted to ו, rarely written ה, § 62. 1, and ה to ה, § 101. 2.

a. There is one example of a noun in the construct before the full form of the pronoun, ימי ה her days Nah. 2: 9.

b. First person: ו is in a few instances preceded by Kamets, מרת ה Ruth 3: 2. קרני Job 22: 20.

Second person. The final vowel of ה is occasionally expressed by the vowel letter ה, ה ה Ex. 13: 16, ה ה Jer. 29: 25. In pause the Sh'va before ה becomes Seghol, ה ה Gen. 33: 5, ה ה Ps. 139: 5, or Kamets may be inserted as a connecting vowel, particularly after nouns in ה, whereupon the final Kamets is dropped to prevent the recurrence of like sounds, ה ה Ps. 53: 6. In the feminine the connecting vowel e is rarely written ו, ה Ezek. 5: 12; ו, which belongs to the full form of the pronoun, § 71. a (2), is sometimes added to the suffix, ה ה Jer. 11: 15, ה ה Ps. 116: 19, שירי 2 Kin. 4: 7 K'thibh, where the K'ri has ה. Sometimes the distinction of gender is neglected in the plural and ה is used in place of the feminine ה, ה Gen. 31: 9, ה ה Jer. 9: 19; ה is sometimes added to the feminine suffix as to the full pronoun, ה Ezek. 23: 49.

16:52 for אֲחִי־תָהָּ, אֲבוֹתָם and אֲבוֹתֵיהֶם, אֲיוֹתָם Ps. 74:4, תַּשְׁאֵתָם, חֲרָבוֹתָם, חֲרָבוֹתָם, מְזַבְּחָם. On the other hand, suffixes proper to plural nouns are occasionally appended to feminine nouns in the singular, perhaps to indicate that they are used in a plural or collective sense, תַּמְשִׁיחֵי Lev. 5:24, תַּחֲלִיחֵי Ps. 9:15, שְׂנֵאֲתֵיךָ Ezek. 35:11, גְּצַתְּךָ Isa. 47:13.

b. The vowel-letter ו is not infrequently omitted after plural and dual nouns, הָרְבִיבִים Ex. 33:13 for הָרְבִיבִים, הָרְבִיבִים Ps. 134:2 for הָרְבִיבִים, הָרְבִיבִים Ex. 32:19 K'thibh (K'ri מְרִיבֵי). עָבְדוּ 1 Sam. 18:22 K'thibh (K'ri עֲבָדֵי), הָיִיתָם Gen. 10:5 for הָיִיתֶם, הָלַבְתָּן Gen. 4:4 for הָלַבְתֶּן.

c. *Second person.* The vowel ו remains unchanged before the fem. sing. אַיִן in אֲשֶׁרְיָהּ Eccl. 10:17 and with הַ appended: מְלֻאָצְצָהּ Nah. 2:14. Sometimes, as in the full pronoun, ו is appended to the fem. sing. suffix and הַ to the plural, תַּחֲלִיחֵיךָ Ps. 103:3, תַּחֲרִיבֵיךָ ver. 4, פְּסֹחֵי־תֵיבְנָהּ Ezek. 13:20.

Third person. The uncontracted form of the masc. sing. יָהוּ occurs in גְּבוּרָהּ Nah. 2:4 for גְּבוּרָיו Hab. 3:10, עֲיָרָהּ Job 24:23; ēhū = aihu by transposition of the vowels becomes auhi = ohū וְהִי which is found once in תַּגְּמוּלוֹהִי Ps. 116:12, and is the ordinary form of this suffix in Chaldee. The final a of the fem. sing. is once represented by א, אֲחֵי־תָהָּ Ezek. 41:15. In a few instances הַ is appended to the plural of either gender, אֲלֵי־תָמָה Ezek. 40:16, גְּלוּלֵ־תָמָה Ezek. 1:11, and ו to the abbreviated masc. אֲלֵי־תָמוּ Deut. 32:37, זָבַחְתָּמוּ ver. 38, פָּשְׂמוּ Job 27:23, פָּנִימוּ Ps. 11:7.

3. The suffixes thus modified are as follows, viz. :

Appended to	SINGULAR.					PLURAL.				
	1 c.	2 m.	2 f.	3 m.	3 f.	1 c.	2 m.	2 f.	3 m.	3 f.
Sing. Nouns	וְ	וְ	וְ	וְ	וְ	וְ	וְ	וְ	וְ	וְ
Dual and Plur. Nouns	וְ	וְ	וְ	וְ	וְ	וְ	וְ	וְ	וְ	וְ

§ 221. Certain changes likewise take place in nouns receiving suffixes, which arise from the disposition to shorten words, which are increased at the end, § 66. 1. These are as follows, viz. :

1. The grave suffixes, § 72, כָּם, כֵּן, הֵם, הֵן shorten the nouns, to which they are attached, to the greatest possible extent. Before them, therefore, nouns of both genders and all numbers take the form of the construct, לִבְבְּכֶם heart, לִבְבְּכֶם your heart, לִבְבְּהֶן their hearts; שְׂפָהּ lip du. שְׂפָתֵיהֶם pl. שְׂפָתֵיהֶם their lips.

a. הַ blood becomes הַמָּקֵם and הַ hand הַמָּקֵם.

2. Feminine nouns, both singular and plural, take the construct form before the light suffixes likewise, with the exception that in the singular the ending ה becomes ה , in consequence of the change from a mixed to a simple syllable, § 59, שָׁפָה *lip*, שֵׁפָתוֹ *his lip*, שֵׁפָתָם *their lip*, שֵׁפָתוֹתֶיךָ *thy lips*, שֵׁפָתוֹתֶיהֶן *his lips*.

a. If the construct has a Segholate form it will experience the change indicated in 5. מִשְׁפָּחָה const. מִשְׁפָּחָהּ suf. מִשְׁפָּחָתִי . If two consonants have coalesced in the final letter, it will receive Dagghesh-forte agreeably to 6. בָּתוֹ from בַּת ; אֶמְתּוֹ from אֶמֶת ; מִבְּרַחֲמֶיהָ 1 Sam. 16:15 from the fem. of רַחֲמַיִם , § 205. b.

b. In a few exceptional instances the absolute form is preserved before suffixes, נֶבֶלֶת Isa. 26:19 from נֶבֶלֶת but נֶבֶלֶתִי ; נֶבֶלֶתִי Cant. 2:10 from נֶבֶלֶת const. נֶבֶלֶתִי ; so אֶלְתֵּי , גִּבְרֵתֵי , הַרְדֵּתֵי , שֵׁבִילֵתֵי but const. אֶלְתֵּי ; comp. בְּנֵי־הָאֱלֹהִים const. בְּנֵי־אֱלֹהֵי .

3. Masculine nouns, both singular and plural, on receiving light suffixes take the form which they assume before the absolute plural termination, לֵבָב *heart*, לֵבָבִי *my heart*, לֵבָבְךָ *thy heart*, לֵבָבֵינוּ *our hearts*.

a. Tere in the ultimate is shortened to Hhirik or Seghol before ה , בָּב , הָב , e. g. בָּבִי , בָּבִי , בָּבִי , or with a guttural to Pattahh, בָּבִי , בָּבִי , though with occasional exceptions, בָּבִי Isa. 22:21, בָּבִי 1 Sam. 21:3. בָּבִי from בָּבִי . Before other suffixes it is rejected from some monosyllables, which retain it in the plural. שָׁמַיִם from שָׁמַיִם plur. שָׁמַיִם from שָׁמַיִם plur. בָּבִי but בָּבִי , בָּבִי , בָּבִי .

4. Dual nouns retain before light suffixes the form which they have before the absolute dual termination, שֵׁפָתַי *my lips*, שֵׁפָתַיִךְ *our lips*, אָזְנוֹי *my ears*, אָזְנוֹיִךְ *our ears*; קַרְנוֹם and קַרְנוֹתֶיךָ *horns*, קַרְנוֹי and קַרְנוֹיִךְ *his horns*.

5. Segholate nouns in the dual and plural follow the preceding rules, but in the singular they assume before all suffixes, whether light or grave, their original monosyllabic form as before the feminine ending ה , § 208, מֶלֶךְ *king*, מֶלְכִי *my king*, מֶלְכְּךָ *your king*; אָזֶן *ear*, אָזְנִי *my ear*; in like manner יֹלְקָה *sucker*, יֹלְקָתוֹ *his sucker*.

a. When the first radical has Hholem in the absolute, Hhateph-Kamets or Kamets-Hhatuph is sometimes given to the second radical before suf-

fixes, פָּעֵלִי and פָּעֻלָּו from פָּעַל Hos. 13:14, with Dagghesh-forte separative. קָבֵלְוֵי Ezek. 26:9, קָטְלֵי 1 Kin. 12:10, סָבֵלְוֵי Isa. 9:3, סָבֵבְוֵי Jer. 4:7; בְּגָדְוֵי *garment* has בְּגָדֵי, בְּגָדָוֵי instead of בְּגָדָי, בְּגָדָי.

b. Middle Yodh and Vav mostly quiesce in *e* and *o* before suffixes, עֵינָי from עֵינִי *eye*, מוֹתָי from מוֹתָ *death*; but עֵירָרָה Gen. 49:11 from עֵירָר *young ass*, טֵיהָוֵי Isa. 10:17 from טֵיהָ *thorn*, עֲוֵלָוֵי Ezek. 18:26, 33:13 from עֲוֵלָה *iniquity*.

c. Triliteral monosyllables sometimes shift their vowel from the second radical to the first, thus assuming the same form with Segholates, comp. §184. a. דְּבַשִּׁי from דָּבַשׁ, שְׂכָמִי from שָׁכַם, but פְּרָשִׁי from פָּרַשׁ; קָלְוֵי from קָלָה; פְּלָרִי from פָּלַר; פְּרָרִי from פָּרַר, פְּרָרָם from פָּרַר, פְּרָרָם but פְּרִיהָם from פָּרִי; שְׂבָיוּ from שָׁבַי, שְׂבָיוּ but שְׂבָיוּ from שָׁבַי. By a like transposition עֲנַפְּסָם Ezek. 36:8 is for עֲנַפְּסָם from עָנַף.

d. The noun אֲשֵׁרִי *blessedness*, which only occurs in the plural construct and with suffixes, preserves before all suffixes the construct form, אֲשֵׁרֵי, אֲשֵׁרֵי אֲשֵׁרֵי not אֲשֵׁרֵי, אֲשֵׁרֵי.

6. Nouns in whose final letter two consonants have coalesced, or which double their final letter in the plural, §207. 2, receive Dagghesh-forte likewise before suffixes, the vowel of the ultimate being modified accordingly, עֵינָי and עֵירָרָה from עֵינִי (root עֵינִי), בְּתָרָם from בְּתָרָה (בְּתָרָה), אֲתָנָם from אֲתָנָה (pl. אֲתָנָי).

a. אֲשֻׁבִי *lattice*, בְּרָמֶל *garden*, מְשָׁבֵי *refuge*, which do not occur in the plural, take Dagghesh-forte before suffixes; שְׂבָתָה has in the plural שְׂבָתוֹת but before suffixes שְׂבָתָה, שְׂבָתָה, שְׂבָתָה; בָּסֵי (root בָּסֵי) *base* has בָּסֵי, בָּסֵי.

b. In a very few instances a final liquid is repeated instead of being doubled by Dagghesh, comp. §207. 2. a. הֲרָרִי Jer. 17:3, הֲרָרִי Ps. 30:8, הֲרָרִי Gen. 14:6 from הָרָר; צָלְוֵי Job 40:22 and צָלְוֵי from צָל; שְׂרָהֵי Ezek. 16:4 and שְׂרָהֵי Cant. 7:3. Once Dagghesh-forte is resolved by the insertion of נ, מְעֻנֵיָה Isa. 23:11 for מְעֻנֵיָה, §54. 3.

7. Nouns ending in הֵ drop this vowel before suffixes as before the plural terminations, §209. 1, שְׂדֵהֵי *field* שְׂדֵהֵי, שְׂדֵהֵי, שְׂדֵהֵי; מִקְנֵהֵי *cattle* מִקְנֵהֵי, מִקְנֵהֵי.

a. The vowel *e* commonly remains as a connecting vowel before suffixes of the third person singular, §220. 1. b; and in a few instances the radical י is restored, giving to singular nouns the appearance of being plural, עֵשְׂרֵי Isa. 22:11, מְפַרְרֵי Hos. 2:16, נוֹטִייהֵי Isa. 42:5, שֵׁהֵי *sheep* becomes שֵׁי or שֵׁהֵי.

§222. The following examples of nouns with suffixes will sufficiently illustrate the preceding rules :

PARADIGM OF NOUNS WITH SUFFIXES.

		SINGULAR.				
		heart	king	queen	hand	
<i>Const.</i>		לֵבָב	מֶלֶךְ	מַלְכָּה	יָד	יָד
<i>Sing.</i>	1 c. my	לֵבָבִי	מֶלְכִי	מַלְכָּתִי	יָדִי	יָדִי
	2 m. thy	לֵבְבְּךָ	מֶלְכֶךָ	מַלְכָּתֶךָ	יָדְךָ	יָדְךָ
	2 f. thy	לֵבְבְּךָ	מֶלְכֶךָ	מַלְכָּתֶךָ	יָדְךָ	יָדְךָ
	3 m. his	לֵבָבוֹ	מֶלְכּוֹ	מַלְכָּתּוֹ	יָדּוֹ	יָדּוֹ
	3 f. her	לֵבְבָהּ	מֶלְכָּהּ	מַלְכָּתֶיהָ	יָדָהּ	יָדָהּ
<i>Plur.</i>	1 c. our	לֵבְבֵינוּ	מֶלְכֵינוּ	מַלְכָּתֵינוּ	יָדֵינוּ	יָדֵינוּ
	2 m. your	לֵבְבְּכֶם	מֶלְכֵיכֶם	מַלְכָּתֵיכֶם	יָדְכֶם	יָדְכֶם
	2 f. your	לֵבְבְּכֶן	מֶלְכֵיכֶן	מַלְכָּתֵיכֶן	יָדְכֶן	יָדְכֶן
	3 m. their	לֵבְבָם	מֶלְכָּם	מַלְכָּתָם	יָדָם	יָדָם
	3 f. their	לֵבְבָן	מֶלְכָן	מַלְכָּתָן	יָדָן	יָדָן
		PLURAL.			DUAL.	
		hearts	kings	queens	hands	
<i>Const.</i>		לֵבָבִים	מֶלְכִים	מַלְכוֹת	יָדַיִם	יָדַיִם
<i>Sing.</i>	1 c. my	לֵבָבַי	מֶלְכַי	מַלְכוֹתַי	יָדַי	יָדַי
	2 m. thy	לֵבְבֶיךָ	מֶלְכֶיךָ	מַלְכוֹתֶיךָ	יָדְיָךְ	יָדְיָךְ
	2 f. thy	לֵבְבֶיךָ	מֶלְכֶיךָ	מַלְכוֹתֶיךָ	יָדְיָךְ	יָדְיָךְ
	3 m. his	לֵבָבוֹ	מֶלְכָיו	מַלְכוֹתָיו	יָדָיו	יָדָיו
	3 f. her	לֵבְבָהּ	מֶלְכָּהּ	מַלְכוֹתֶיהָ	יָדָהּ	יָדָהּ
<i>Plur.</i>	1 c. our	לֵבְבֵינוּ	מֶלְכֵינוּ	מַלְכוֹתֵינוּ	יָדֵינוּ	יָדֵינוּ
	2 m. your	לֵבְבֵיכֶם	מֶלְכֵיכֶם	מַלְכוֹתֵיכֶם	יָדְכֶם	יָדְכֶם
	2 f. your	לֵבְבֵיכֶן	מֶלְכֵיכֶן	מַלְכוֹתֵיכֶן	יָדְכֶן	יָדְכֶן
	3 m. their	לֵבְבֵיהֶם	מֶלְכֵיהֶם	מַלְכוֹתֵיהֶם	יָדָם	יָדָם
	3 f. their	לֵבְבֵיהֶן	מֶלְכֵיהֶן	מַלְכוֹתֵיהֶן	יָדָן	יָדָן

NUMERALS.

§ 223. 1. The Hebrew numerals (שְׁמוֹת הַמִּסְפָּר) are of two kinds, cardinals and ordinals. The cardinals from one to ten are as follows, viz. :

	MASCULINE.		FEMININE.	
	<i>Absol.</i>	<i>Constr</i>	<i>Absol.</i>	<i>Constr.</i>
One	אֶחָד	אֶחָד	אֶחָת	אֶחָת
Two	שְׁנַיִם	שְׁנַיִ	שְׁנַיִם	שְׁנַיִ
Three	שְׁלֹשָׁה	שְׁלֹשָׁת	שְׁלֹשׁ	שְׁלֹשׁ
Four	אַרְבָּעָה	אַרְבַּעַת	אַרְבַּע	אַרְבַּע
Five	חֲמִישָׁה	חֲמִישָׁת	חֲמִישׁ	חֲמִישׁ
Six	שֵׁשׁ	שֵׁשֶׁת	שֵׁשׁ	שֵׁשׁ
Seven	שִׁבְעָה	שִׁבְעַת	שִׁבַּע	שִׁבַּע
Eight	שְׁמֹנֶה	שְׁמֹנַת	שְׁמוֹנֶה	שְׁמוֹנֶה
Nine	תְּשֵׁעָה	תְּשֵׁעַת	תְּשֵׁעַ	תְּשֵׁעַ
Ten	עֲשָׂרָה	עֲשָׂרַת	עָשָׂר	עָשָׂר

a. אֶחָד is for אַחָד, § 63. 1. *a*; the Seghol returns to Pattahh from which it has arisen, upon the shortening of the following Kamets in the construct and in the feminine, אֶחָת for אַחָתָה. § 54. 2, but in pause אַחָה; אַחָד occurs in the absolute in Gen. 48: 22. 2 Sam. 17: 22, Isa. 27: 12, Ezek. 33: 30, Zech. 11: 7, and once אַחַר Ezek. 33: 30. The plural אַחָדִים is also in use in the sense of *one*, Gen. 11: 1, Ezek. 37: 17, or *some*, Gen. 27: 41, 29: 20. Comp. Span. *unos*.

אֶשְׁתֵּי is for שְׁנַתַּיִם; for the Daghesth in ת see § 22. *b*; this is once omitted after Daghesth-forte, מִשְׁתֵּי Judg. 16: 28.

A dual form is given to some of the units to denote repetition, אַרְבַּעַתָּאִים *fourfold*, שִׁבְעַתָּאִים *sevenfold*.

שִׁבְעָה occurs once with a paragogic syllable, Job 42: 13, and once with a suffix in the form שִׁבְעָתָם 2 Sam. 21: 9 K'ri.

2. In all the Semitic languages the cardinals from *three* to *ten* are in form of the singular number, and have a feminine termination when joined to masculine nouns, but omit it when joined to feminine nouns. The explanation of this

curious phenomenon appears to be that they are properly collective nouns like *triad*, *decad*, and as such of the feminine gender. With masculine nouns they appear in their primary form, with feminine nouns, for the sake of distinction, they undergo a change of termination.

a. An analogous anomaly meets us in this same class of words in Indo-European tongues. The Sanskrit cardinals from *five* to *ten*, though they agree in case with the nouns to which they belong, are in form of the neuter gender and in the nominative, accusative and vocative they are of the singular number. In Greek and Latin they are not declined.

§224. The cardinals from *eleven* to *nineteen* are formed by combining עָשָׂר or עֶשְׂרֵה modifications of the numeral *ten* with the several units, those which end in ה, preserving the absolute form and the remainder the construct. Thus,

	MASCULINE.		FEMININE.		
Eleven	{	עָשָׂר	אֶחָד	עֶשְׂרֵה	אֶחָד
		עָשָׂר	עֶשְׂרִי	עֶשְׂרֵה	עֶשְׂרִי
Twelve	{	עָשָׂר	שְׁנַיִם	עֶשְׂרֵה	שְׁנַיִם
		עָשָׂר	שְׁלוֹשָׁה	עֶשְׂרֵה	שְׁלוֹשָׁה
Thirteen		עָשָׂר	שְׁלֹשָׁה	עֶשְׂרֵה	שְׁלֹשָׁה
Fourteen		עָשָׂר	אַרְבָּעָה	עֶשְׂרֵה	אַרְבָּעָה
Fifteen		עָשָׂר	חֲמִישָׁה	עֶשְׂרֵה	חֲמִישָׁה
Sixteen		עָשָׂר	שֵׁשָׁה	עֶשְׂרֵה	שֵׁשָׁה
Seventeen		עָשָׂר	שִׁבְעָה	עֶשְׂרֵה	שִׁבְעָה
Eighteen		עָשָׂר	שְׁמֹנֶה	עֶשְׂרֵה	שְׁמֹנֶה
Nineteen		עָשָׂר	תְּשֻׁעָה	עֶשְׂרֵה	תְּשֻׁעָה

a. The origin of עֶשְׂרִי, the alternate of אֶחָד in the number *eleven*, is obscure. R. Jona thinks it to be an abbreviation for עָשָׂר עֶשְׂרִי שָׁרֵי *next to twelve*. Comp. Lat. *underiginti*, *nineteen*. Kimchi derives it from עָשָׂר *to think*, *ten* being reckoned upon the fingers, and *eleven* the first number which is mentally conceived beyond.

שְׁמֹנֶה עָשָׂר *fifteen* occurs Judg. 8:10, 2 Sam. 19:18, and עָשָׂר עָשָׂר *eighteen* Judg. 20:25.

§225. 1. The tens are formed by adding the masculine

The feminine commonly ends in יָהּ, occasionally in יָהֵּ.

a. There are two examples of the orthography רִאִישׁוֹן Josh. 21:10, Job 15:7. and one of רִישׁוֹן Job 8:8, in all of which the K'ri restores the customary form.

2. There are no distinct forms for ordinals above ten, the cardinal numbers being used instead.

3. Fractional numbers are expressed by the feminine ordinals, שְׁלִישִׁית *one third*, רְבִיעִית *one fourth*, etc., and by the following additional terms, הַצֵּי *one half*, רִבֵּעַ and רִבֵּעַ *one quarter*, חֲמִישׁ *one fifth*, עֲשָׂרִית *one tenth*.

PREFIXED PARTICLES.

§ 228. The remaining parts of speech are indeclinable, and may be comprehended under the general name of particles. These may be divided into

1. Prefixed particles, which are only found in combination with a following word, viz. the article, He interrogative, the inseparable prepositions, and Vav conjunctive.

2. Those particles, which are written as separate words, and which comprise the great majority of adverbs, prepositions, conjunctions, and interjections.

a. No word in Hebrew has less than two letters; all particles of one letter are consequently prefixes. There is one example of two prefixes combined constituting a word הַל Deut. 32:6, though editions vary.

THE ARTICLE.

§ 229. 1. The Definite Article (הַאֵל הַהִדְרִיָּה) consists of הַ with Pattalh followed by Daghesh-forte in the first letter of the word to which it is prefixed, הַמֶּלֶךְ *a king*, הַמֶּלֶךְ *the king*.

a. As the Arabic article اَل is in certain cases followed by a like doubling of the initial letter, some have imagined that the original form of

the Hebrew article was הַ and that the Dagghesh-forte has arisen from the assimilation of ל and its contraction with the succeeding letter. Since, however, there is no trace of such a form, it seems better to acquiesce in the old opinion, which has in its favour the analogy of other languages, that the article הַ is related to the personal pronoun הוּא, whose principal consonant it retains, and that the following Dagghesh is conservative, §24. 3; comp. the demonstrative particle הַא and הַא *behold!* In הוּרִידֵי Jer. 29:23 K'thibh (if read הוּרִידֵי) the article may perhaps be found in an unabridged form; the K'ri has הוּרִידֵי. The Arabic article is supposed to be found in the proper name אֶלְמֹדֶדֶר Gen. 10:26, אֶלְגֹּבִיט *hail*, the equivalent of גֹּבִיט, and possibly in אֶלְקָוִם Prov. 30:31.

b. There is, properly speaking, no indefinite article in Hebrew, although the numeral אֶחָד *one* is so employed in a few instances, as אֶבְרָא *a prophet* 1 Kin. 20:13.

2. If the first letter of the word have Sh'va, Dagghesh-forte may be omitted except from the aspirates, §25, הוּאֵר, הַמְדַבֵּר but הַבְּרָכָה, הַחֲתָנִית.

3. Before gutturals, which cannot receive Dagghesh-forte, §60. 4, Pattahh is lengthened to Kamets; the short vowel Pattahh is, however, commonly retained before ה and ה, and sometimes before ע, the syllable being converted into an intermediate, §20. 2. a, instead of a simple one, הַעֲרִיט, הַהָר, הַאֲהֵל Gen. 15:11, הַרְשָׁע but הַחֲשָׁד, הַהוּא, הַעֲרִיט Jer. 12:9.

a. The article very rarely has Kamets before ה, הַחֵי Gen. 6:19, הַחֲסִינִים Isa. 17:8; in a very few instances initial א quiesces in the vowel of the article, הַאֲסִפְסֹף Num. 11:4.

4. Before ה with Kamets or Hhateph-Kamets, Pattahh is changed to Seghol: before ה or ע with Kamets, it is likewise changed to Seghol if it stands in the second syllable before the accent, and consequently receives the secondary accent Methegh, הַדָּג, הַהֶכֶם, הַחֲרָשִׁים, הַהָרִים, הַעֲרִים.

a. This change very rarely occurs before א, הַאֲמֹר Mic. 2:7. When ה is followed by Kamets-Hhatuph, Pattahh remains הַחֲכָמָה.

b. The article does not usually affect the vowels of the word before which it stands; in הַר *mountain* and אֶם *people*, however, Pattahh is changed to Kamets to correspond with the vowel of the article הַהָר, הַאֶם, הַאֲרֶץ *earth* but הַאֲרָץ. The plurals of אֶהָל *tent* and קֹדֶשׁ *holiness* without the article are אֶהָלִים Gen. 25:27, קֹדֶשִׁים Ex. 29:37, but with the article אֶהָלִים (for אֶהָלִים) Judg. 8:11, הַקֹּדֶשִׁים Ex. 26:33, §208. 3 b

תָּאֵחַ *pelican* Isa. 34 : 11, Zeph. 2 : 14, is pointed תָּאֵחַ Lev. 11 : 18, Deut. 14 : 17 upon receiving the article.

5. When preceded by the inseparable prepositions the letter ה of the article is mostly rejected, and its vowel given to the preposition, § 53. 3, בַּשְּׁמַיִם for בְּהַשְּׁמַיִם, see § 231. 5.

HE INTERROGATIVE.

§ 230. 1. The letter ה (הִיא הַשְּׂאֵלָה) may also be prefixed to words to indicate an interrogation; it is then pointed with Hhateph-Pattahh, הִיִּלֵּךְ *shall we go?* הִיא הַלֹּא־הִיא *is he not?*

2. Before a vowelless letter this becomes Pattahh, § 61. 1, הִכֹּזֵבָה Gen. 34 : 31, הִלְמַזְנֵהָ Job 18 : 4, הִצְרִי Jer. 8 : 22.

a. The new syllable thus formed is an intermediate one, § 22, and the succeeding Sh'va remains vocal, as is shown by the absence of Dagheshe-lene in such forms as הִיִּדְקָלָם Gen. 29 : 5. In order to render this still more evident recourse is frequently had to Daghesh-forte separative, § 24. 5, הִלְכֵן Gen. 17 : 17, הִכְצַעְתְּהָם 18 : 21, Methegh, § 45. 2, הִשְׁלֵב Judg. 9 : 2, הִתְשַׁלַּח Job 38 : 35, or compound Sh'va, § 16. 3. b, הִבְרָכָה Gen. 27 : 38.

b. He interrogative has Pattahh and Daghesh-forte in one instance before a letter with a vowel of its own, הִיִּשָּׁב Lev. 10 : 19.

3. Before gutturals it likewise usually becomes Pattahh, הִצַּדֵּךְ Ex. 2 : 7, הִאֲשֶׁר 2 Kin. 6 : 22, הִחַיְמִיר Jer. 2 : 11, הִלַּח Hag. 1 : 4.

a. There are a few examples of He interrogative with Kamets before א, הִאֲהָבִים Judg. 6 : 31, הִאֲפַרְתִּי Judg. 12 : 5, הִאֲשֵׁשׁ Neh. 6 : 11.

4. Before gutturals with Kamets it is changed to Seghol, הִאֲמַר Ezek. 28 : 9, הִהַיְתָה Joel 1 : 2, הִהָתָם Eccles. 2 : 19.

INSEPARABLE PREPOSITIONS.

§ 231. 1. The prepositions ב *in*, כ *according to*, ל *to*, are regularly prefixed with Sh'va, בְּרֵאשִׁית *in the beginning*, כְּלֹל *according to all*, לְאַבְרָהָם *to Abraham*.

2. Before vowelless letters this Sh'va is changed to Hhirik, בְּרָקִיז for בְּרָקִיז , לְמִשְׁל for לְמִשְׁל , פְּדָבֵר for פְּדָבֵר .

3. Before gutturals with compound Sh'va it is changed to the corresponding short vowel, בְּאֲרִי , לְאֲכַל , בְּחֵרִי .

a. Initial א quiesces in the following words after the inseparable prepositions, § 57. 2. (2) a, אֲדֹנָי *master* when connected with singular suffixes, אֲדֹנָי *Lord*, אֱלֹהִים *God*, and also in the inf. const. אָמַר *to say* after ל, אֲדֹנָי, אֱלֹהִים, אֲדֹנָי, אֱלֹהִים, אֲדֹנָי, אֱלֹהִים for אֲדֹנָי the Seghol lengthened to Tseré in the simple syllable, אֲדֹנָי but אֲדֹנָי, אֲדֹנָי but אֲדֹנָי, אֲדֹנָי. Before the divine name יהוה the inseparable prepositions are pointed as they would be before אֲדֹנָי or אֱלֹהִים, whose vowels it receives, § 47, לְיְהוָה Gen. 4: 3, לְיְהוָה Ps. 68: 21.

b. In a very few instances א with Pattahh and י with Hhirik give up their vowel to the preposition and become quiescent, בְּאֲבִיר Isa. 10: 13 for בְּאֲבִיר, בְּיְהוֹנָן Eccles. 2: 13 for בְּיְהוֹנָן.

4. Before monosyllables and before dissyllables, accented upon the penult, these prepositions frequently receive a pretonic Kamets, § 64. 2, בְּאֲלֵהָ, בְּזֹאת, בְּלִפְשׁ.

a. This regularly occurs with the Kal construct infinitive of פָּנַח, פָּיַח, פָּעַח, פָּנַח and פָּיַח verbs when preceded by ל, e. g. לְפָנַח, לְפָיַח, לְפָעַח, לְפָנַח; also with different forms of the demonstrative זֶה and with personal suffixes; and with monosyllabic or Segholate nouns when accompanied by disjunctive and especially pause accents. Before the pronoun לָהּ *what* they are commonly pointed בְּמָה, בְּמָה, בְּמָה or followed by a guttural, לְמָה.

5. Before the article its ה is rejected and the vowel given to the preposition, בְּדָבָר for בְּדָבָר, לְהָאָרֶץ for לְהָאָרֶץ, בְּהָהָרִים for בְּהָהָרִים.

a. ה not infrequently remains after ב, בְּהַיּוֹם Gen. 39: 11, more rarely after the other prepositions, לְהָנֶם 2 Chron. 10: 7. The initial ה of the Hiphil and Niphal infinitives is occasionally rejected in like manner, לְשָׁבִית Am. 8: 4 for לְשָׁבִית, בְּהַקְשִׁילוֹ Prov. 24: 17 for בְּהַקְשִׁילוֹ.

§ 232. The preposition מִן *from*, though used in its separate form, may also be abbreviated to a prefix by the assimilation and contraction of its final Nun with the initial letter of the following word, which accordingly receives Daghesh-forte, מִן יִרְדָּה for מִן יִרְדָּה. Before ה Hhirik is commonly re-

tained in an intermediate syllable, but before other gutturals it is lengthened to Tseré, מִן חוּץ for חוּץ, מִן חוּץ, מִן חוּץ, מִן חוּץ.

a. מִן is sometimes poetically lengthened to מִיָּן, and once has the form of a construct plural, מִיָּיִן Isa. 30: 11.

§ 233. These prepositions are combined with the nominal suffixes in the following manner:

SINGULAR.

1 c.	בִּי	לִי	פְּמוֹנִי	מִיָּיִן, מִיָּן	מִיָּמֶיךָ, מִיָּמֶיךָ
2 m.	בְּךָ, בְּךָ	לְךָ, לְךָ	פְּמוֹנְךָ		מִיָּמֶיךָ, מִיָּמֶיךָ
2 f.	בְּךָ	לְךָ	—		מִיָּמֶיךָ
3 m.	בּוֹ	לוֹ	פְּמוֹנוֹ	מִיָּנְהוּ, מִיָּנְהוּ	מִיָּמֶיךָ, מִיָּמֶיךָ
3 f.	בָּהּ	לָהּ	פְּמוֹנָהּ		מִיָּמֶיךָ

PLURAL.

1 c.	בָּנוּ	לָנוּ	פְּמוֹנוֹ		מִיָּמֶיךָ
2 m.	בְּכֶם	לְכֶם	פְּמוֹנְכֶם, פְּכֶם		מִיָּמֶיךָ
2 f.	בְּכֶן	לְכֶן	—		מִיָּמֶיךָ
3 m.	בָּם, בְּהֶם	לָבָם, לָהֶם	פְּמוֹנָם, פְּהֶם		מִיָּמֶיךָ, מִיָּמֶיךָ
3 f.	בָּהֶן, בְּהֶן	לָהֶן	—		מִיָּמֶיךָ

a. The syllable נו inserted between כ and the suffixes, and which is in poetry sometimes added to ב, כ and ל without suffixes to convert them into independent words, בְּנוּ, כְּנוּ, לְנוּ, is commonly thought to be related in its origin to the pronoun כִּי *what*, so that פְּמוֹנִי would in strictness denote *like what I am*, i. e. *like me*. The preposition מִן, with the exception of some poetical forms, reduplicates itself before the light suffixes, מִיָּמֶיךָ = מִיָּמֶיךָ. Comp. a similar reduplication of a short word, מִיָּמֶיךָ or מִיָּיִן construct of מִיָּיִן *water*.

VAV CONJUNCTIVE.

§ 234. The conjunction *and* is expressed by ו prefixed with Sh'va, וְהִשָּׁדָה, וְהִשָּׁדָה. Before one of the labials ב, מ, פ, § 57. 2 (1), or before a vowelless letter Vav quiesces in

Shurek, וַיִּזְרֹן, וַיִּמְלֹךְ, וַיִּפְלֹא, וַיִּלְחָבְהוּל. Before a vowelless Yodh it receives Hhirik, in which the Yodh quiesces, וַיִּנְקָם, וַיִּהְיֶה. Before a guttural with compound Sh'va it receives the corresponding short vowel, וַיִּאֲבִי, וַיִּגְדֹּד, וַיִּחַלֵּי. Before monosyllables and dissyllables accented on the penult it frequently receives a pretonic Kamets, וַיִּבְהֶה, וַיִּלְוֶה, וַיִּרְעֶה.

a. After Vav with Shurek, compound Sh'va is sometimes substituted for simple Sh'va in order to indicate more distinctly its vocal character, Gen. 2:12, וַיִּבְרָא אֱלֹהִים, Ezek. 26:21, וַיִּסְעֲרָה, 1 Kin. 13:7, וַיִּצְלָקְר, Jer. 22:20.

b. Vav receives Hhirik before He followed by Yodh in the forms וַיִּחַי, וַיִּחַיִּם, וַיִּחִי, וַיִּחִיִּם 2 plur. preterite and imperative of the verbs וַיִּחַי to be and וַיִּחַי to live; before the 2 masc. sing. imperative of the same verbs it has Seghol, וַיִּחֵה, וַיִּחֵהוּ for וַיִּחֵה, וַיִּחֵהוּ.

c. א quiesces after Vav conjunctive as after the inseparable prepositions, § 231. 3. a. in אֲדֹנָי master when connected with singular suffixes, אֲדֹנָי Lord and אֱלֹהִים God, אֲדֹנָי, אֲדֹנָי, אֲדֹנָי the Seghol being lengthened to Tsere in the simple syllable. Hence also וַיִּהְיֶה when וַיִּהְיֶה has the vowels of אֲדֹנָי. A very few instances occur in which א with Pattahh and ו with Hhirik give up their vowel to Vav conjunctive and become quiescent, וַיִּצְעַקְר Zech. 11:5 for וַיִּצְעַקְר, Jer. 25:36 for וַיִּקְלַחְר.

SEPARATE PARTICLES.

ADVERBS.

§ 235. 1. A few adverbs of negation, place and time, are commonly classed as primitive, although they are probably related to pronominal roots, as אַל and לֹא *not*, שָׁם *there*, וְזֶה *then*.

a. It is natural to suspect that the pronominal root ל, which gave rise to the near demonstrative אֵל, אֵלֶּה *these* and to the prepositions indicative of nearness or approach, ל, לְ, אֵל, אֵלַי *unto*, and which has a remote demonstrative force in אֵלֶּה *yonder*, *beyond*. may also be the basis of אַל and לֹא the idea of remoteness taken absolutely forming a negation. The same idea, in a less absolute sense, may be traced in the conditional conjunction לִּי *if*. The pronoun זֶה, of which probably שֶׁ is originally only a modification (comp. the relative use of זֶה, § 73. 1), is plainly connected with וְזֶה *at that time* and שָׁם *in that place*.

2. Derivative adverbs are formed

(1.) By affixing the terminations ם, or ם׳, אֲמָנָם and אֲמָנָם *truly* from אֱמֶן *truth*, חֵן הָזֶם *gratuitously* from חֵן *grace*, יוֹם יוֹם *by day* from יוֹם *day*, רֵיקָם *in vain* from רֵיק *empty*, פְּתָאָם *suddenly* from פֶּתַע *moment*, תְּלַשְׁתָּם *the day before yesterday* from תְּלַשׁ *three*.

(2.) By abbreviation, as אֶדָּה *surely, only* from אֶדָּהן.

(3.) By composition, as מֵדָע *why?* from מַה דָּע *quid edoctus*, מִלְמַעְלָה *from above* from מִן, לְ, and מִעֲלָה.

3. Besides those adverbs, which are such originally and properly, other parts of speech are sometimes used as adverbs. Thus

(1.) Nouns, מְאֹד *mightily, exceedingly* prop. *might*, סָבִיב *around* prop. *circuit*, עֵד *again* prop. *repetition*, אֵסֶס *no more* prop. *cessation*; with a preposition, בְּמְאֹד *exceedingly*, לְבָד *apart* prop. *to separation*, or a suffix יַתְדוֹ *together* prop. *in its union*. Compare the adverbial accusative and adverbial phrases of Greek and other languages.

(2.) Absolute infinitives, which are really verbal nouns, הַיֵּטֵב *well* prop. *recte faciendo*, הַרְבֵּה *much*, מְהֵר *quickly*.

(3.) Adjectives, particularly in the feminine, which is used as a neuter, טוֹב *well*, רֵאשֶׁתְּךָ *at first*, שְׁנֵית *the second time*, רְבָה and רַבַּת *much*, יְהִיבֵית *in Jewish* i. e. *Hebrew*, אֲרַמִּית *in Aramaic*, נִפְלְאוֹת *wonderfully*.

(4.) Pronouns, זֶה *here, now* prop. *this place, this time*, הֵנָּה *hither* prop. *to these places*, with a preposition כֵּן *thus* prop. *according to it*, כֵּן *so* perhaps for כִּתְּנָן *according to these things*, though others explain it as an adverbial use of the participle כֵּן *right, true*, פֹּה *here* probably for בּוֹ *in this (place)*.

§ 236. A few adverbs are capable of receiving pronominal suffixes, as הֵן or הֵזֶה *behold*, עוֹד *yet*, אֵי *where*, to which may be added אֵין *there is not* prop. *non-existence* and יֵשׁ

there is prop. *existence*. As the idea of action or of existence is suggested by them, they take the verbal suffixes, frequently with נ epenthetic. Thus

1. הָיָה. *First person* הָיָה, הָיָה and הָיָה; הָיָה, הָיָה and הָיָה. *Second person* masc. הָיָה once הָיָה; הָיָה, fem. הָיָה. *Third person* הָיָה and הָיָה; הָיָה.

2. עוֹד. *First person* עוֹד and עוֹד; once with *plur.* עוֹד Lam. 4 : 17 K'ri. *Second person* masc. עוֹד fem. עוֹד. *Third person* masc. עוֹד, עוֹד fem. עוֹד.

3. אִי. *Second person* אִי. *Third person* אִי, אִי.

4. אִי. *First person* אִי. *Second person* masc. אִי, אִי, fem. אִי. *Third person* masc. אִי, אִי and אִי fem. אִי.

5. רָשָׁ. *Second person* רָשָׁ, רָשָׁ and רָשָׁ. *Third person* רָשָׁ.

PREPOSITIONS.

§ 237. 1. The simple prepositions in most common use, besides the inseparable prefixes, § 231, are chiefly אַחֲרֵי *behind, after*, אֶל *to, unto*, אֲצֵל *beside*, אִתּוֹ *with*, בֵּין *between*, בְּלֹא *without*, בְּעֵד *through*, זֶלֶת *except*, לְעַן *on account of*, מִלְּפָנֶיךָ or מִלְּפָנֶיךָ *over against*, לְפָנֶיךָ *in presence of*, לְפָנֶיךָ *in front of*, עַד *unto*, עַל *upon*, עִם *with*, תַּחַת *under*. Most of these appear to have been originally nouns; and some of them are still used both as nouns and as prepositions.

2. Other prepositions are compound, and consist of

(1.) Two prepositions, as מֵאַחֲרָיךָ *from after*, מֵאִתּוֹ *from with*, מֵעַל *from upon*, מִתַּחַת *from under*, לְמִן *from*, לְפָנֶיךָ *and* לְפָנֶיךָ *toward*.

(2.) A preposition and a noun לְבַד *and* מִלְּבַד *besides* from בַּד *separation*, לְפָנֶיךָ *before* and מִלְּפָנֶיךָ *from before* from פָּנִים *face*, בְּגַלְלֵךְ and בְּעֵבֶר *for the sake of*, בְּיַד *by* prop.

use, או *or*, אה *also*, אה and לו *if*, אשר and כי *that, because*, פן *lest*.

2. Compound conjunctions are formed by combining

(1.) Two conjunctions אה כי *but*, כי אה *how much more* prop. *also that*.

(2.) The conjunction כי or אשר with a preposition, as כְּאֲשֶׁר *as*, לְמַעַן אֲשֶׁר *in order that*, וְלֵצַן אֲשֶׁר and שֶׁבִּי אֲשֶׁר *because*, עַד כִּי *until*, כִּי הִנֵּה *because*.

(3.) An adverb with a preposition or conjunction, בְּטָרְם *before*, לְכֵן or עַל־כֵּן *therefore*, לֹא־כִי *unless* from לו *if* כֹּא *not*.

INTERJECTIONS.

§ 240. The Hebrew interjections, like those of other languages, are of two sorts, viz.:

1. Natural sounds expressive of various emotions, as אה, הוה, אהה *ah! oh!* אהה *aha!* הוה *ho! woe!* אוי, אוי, אבוי, אבוי *woe!* אבוי *alas!* הוה *hush!*

2. Words originally belonging to other parts of speech, which by frequent use were converted into interjections, אבוי *come!* prop. *give*, לְכֵה *come!* prop. *go*, הִנֵּה *behold!* prop. a demonstrative adverb, הַלֵּיכֵה *far be it!* בִּי *pray!* from בְּעִי *entreaty*, נָא *now!* *I pray thee!*

PART THIRD.

SYNTAX.

§ 241. 1. Syntax treats of sentences or of the manner in which words are employed in the utterance of thought. Its office, therefore, is to exhibit the several functions of the different parts of speech in the mechanism of the sentence, the relations which they sustain to each other, and how those relations are outwardly expressed.

2. Every sentence must embrace first a subject or the thing spoken of, and secondly, a predicate or that which is said about it. Upon these two simple elements is built the entire structure of human speech.

THE SUBJECT.

§ 242. The subject of every sentence must be either a noun, as בָּרָא אֱלֹהִים *God created* Gen. 1 : 1, or a pronoun, as קָדוֹשׁ אֲנִי *I (am) holy* Lev. 11 : 44. This includes infinitives, which are verbal nouns, עָנֹשׁ לַצַּדִּיק לֹא-טוֹב *to punish the just is not good* Prov. 17 : 26, and adjectives and participles when used substantively, לֹא-יָבֹא טָמֵא *an unclean (person) shall not enter* 2 Chron. 23 : 19, לֹא הַמֵּתִים יְהַלְלוּ-יְהוָה *the dead shall not praise the Lord* Ps. 115 : 17.

a. The subject of a sentence may be a noun preceded by the preposition מִן in a partitive sense, יָצְאוּ מִן-הָעָם *there went out (some) of the people* Ex. 16 : 27, or by the particle of comparison כִּי, כִּי-נִגְזַר נִדָּה *(something) like a plague has appeared* Lev. 14 : 35.

b. When the subject is an infinitive, it is mostly, as in English, preceded by the preposition לְ *to*, כַּיֵּשֶׁב לְהוֹדוֹת (it is) *good to give thanks* Ps. 92:2, unless it is in the construct before a following noun כְּאֵ-טוֹב הַיּוֹת לְאֵ-טוֹב הָאָדָם *man's being alone (is) not good* Gen. 2:18.

c. The subject is very rarely an adverb, הַרְבֵּה נָפְלוּ בְנֵי יִשְׂרָאֵל *many (prop. much) of the people have fallen* 2 Sam. 1:4.

§ 243. The subject may be omitted in the following cases, viz. :

1. When it is sufficiently plain from the connection, הֲיֵשֶׁת עִמָּךְ *is there yet with thee (a corpse)?* Am. 6:10, or is obvious in itself, אֵתוֹ נִלְקָה (his mother) *bare him* 1 Kin. 1:6. The personal pronouns are for this reason rarely used before verbal forms, which of themselves indicate the person, אָמַרְתִּי *I said*, אָמַרְתָּ *thou saidst*, unless with the view of expressing emphasis or opposition, הֵמָּה בָּרְעִי וְנִפְלוּ וְאֵנִי קָמִי *they are brought down and fallen, but we are risen* Ps. 20:9.

2. When it is indefinite; thus, if an action is spoken of and it is not known or is not stated by whom it is performed. The third person plural may be so employed, וַיִּגְדּוּ לְשָׂאֵל *and they told Saul* 1 Sam. 18:20, or third person singular, comp. the French *on* and German *man*, קָרָא שְׁמֶהּ בָּבֶל *one called its name Babel* i. e. *its name was called Babel*, or the second person singular, particularly in laws or in proverbs, the language of direct address being employed while every one who hears is intended, לֹא-תַעֲשֶׂה-לְךָ פֶסֶל *thou shalt not make unto thee a graven image* Ex. 20:4, הֲבִיאִי לְבָבְךָ לְבָרָא *apply thine heart unto instruction* Prov. 23:12.

a. Sometimes the word אָדָם *man* is used as an indefinite subject, * כַּה אָמַר הָאִישׁ בְּלִקְתּוֹ וְגו' *a man said thus, when he went, etc.* 1 Sam. 9:9, and sometimes the participle of the following verb, וְשָׁמַע הַשָּׂמַע *and the hearer shall hear* 2 Sam. 17:9, הַרְשִׁי הַרְשִׁי הַרְשִׁי *ploughers ploughed* Ps. 129:3.

b. The third person plural indefinite seems to be used sometimes without any thought of the real agency concerned in the action spoken of, and where the English would require a passive construction, בְּיָגוּחַ עֲמָל מַנִּי-לַי *wearisome nights are appointed to me* lit. *they have appointed* Job 7:3.

* וְגו' is an abbreviation for וְגַיְמָר *et completio, and so forth*, § 9. 1.

3. When the construction is impersonal; in this case the third person singular masculine is the form commonly adopted, *אַל-יִרְעַב בְּעֵינֶיךָ* *let it not be grievous in thy sight* Gen. 21 : 12, *אָז הִיחַל* *then it was begun* i. e. *men began*, though the feminine is also employed on account of its special affinity with the neuter, *וַתֵּצַר לְיִשְׂרָאֵל* *and Israel was distressed* lit. *it was strait to Israel* Judg. 10 : 9.

§ 244. 1. The subject may be extended by connecting two or more nouns or pronouns and thus forming what is called a compound subject, *וּרְכְלֵי הַשָּׁמַיִם וְהָאָרֶץ וְכָל-עַבְדָּם* *and the heavens and the earth and all their host were finished* Gen. 2 : 1, *וְאָנֹכִי וְהַיָּדָוֶן אֵלַי* *and I and the lad will go* Gen. 22 : 5.

2. Or it may be extended by adding to the noun an article, adjective, demonstrative pronoun, pronominal suffix, or another noun with which it may be either in apposition or in construction. When thus united with other qualifying words the noun alone is called the grammatical subject, the noun, together with its adjuncts, is called the logical subject.

THE ARTICLE.

§ 245. The definite article is used in Hebrew as in other languages to particularize the object spoken of, and distinguish it from all others. It is accordingly prefixed in the following cases, viz. :

1. When the thing referred to is one which has been mentioned before, *and God said, Let there be רָקִיעַ* *a firmament, etc., and God made הַרָקִיעַ* *the firmament* Gen. 1 : 6, 7.

2. When it is defined by accompanying words, as a relative clause, *אַשְׁרֵי הָאִישׁ אֲשֶׁר לֹא הֵלְכָה רַגְלֵהוּ* *blessed is the man who has not walked, etc.,* Ps. 1 : 1, an adjective, *הַמְאִיר הַגָּדֹל* *the greater light*, *הַמְאִיר הַקָּטָן* *the lesser light* Gen. 1 : 16, or a demonstrative pronoun, *הַר* *a mountain*, *הַהָר הַזֶּה* *this mountain*, or by being directly ad-

dressed, הַמֶּלֶךְ *O king* 1 Sam. 17:55, הַשָּׁמַיִם *O heavens*, הָאָרֶץ *O earth* Deut. 32:1.

3. When it is obviously suggested by the circumstances, or may be presumed to be well known: *she emptied her pitcher into הַשֶּׁקֶת the trough* Gen 24:20, viz., the one which must have been by a well used for watering cattle; *Abimelech looked through הַחַלּוֹן the window* Gen. 26:8, i. e. of the house in which it is taken for granted that he was; *let us go to הַרְאֵה the (well-known) seer* 1 Sam. 9:9.

a. The article is accordingly used as in Greek and in some modern languages in place of an unemphatic possessive pronoun: *she took הַצִּיָּה the veil* Gen. 24:65, i. e. the one which she had, or, according to the English idiom, *her veil*; David took הַבַּצִּיֵּר *the harp* i. e. *his harp* 1 Sam. 16:23, so the LXX. ἐλάμβανε Δαυὶδ ἄρην κυρίου.

b. With words denoting time it expresses the present as that which would most readily occur to the mind. הַיּוֹם *the day* i. e. that which is now passing, *to-day* Gen. 4:14, הַלַּיְלָה *the night* i. e. *to-night* Gen. 30:15, הַשָּׁנָה *the year* i. e. *this year* Jer. 28:16, הַפֶּגַע *the time* i. e. *this time* Gen. 29:35, unless another idea is more naturally suggested by the context, הַיּוֹם הַהוּא *and it came to pass on the day* i. e. at the period before spoken of, *at that time* 1 Sam. 1:4, Job 1:6.

4. When it is distinguished above all others of like kind or is the only one of its class, הַבַּיִת *the house* viz. of God, the temple Mic. 3:12, הַאֱלֹהִים *the Lord* Isa. 1:24, הַאֱלֹהִים *the (true) God*, הַשָּׁמַיִם *the heavens*, הָאָרֶץ *the earth* Gen. 1:1, הַשֶּׁשֶׁשׁ *the sun* Gen. 15:12.

5. When it is an appellative noun used in a generic or universal sense, הַחֶרֶב *the sword devoureth one as well as another* 2 Sam. 11:25; *they shall mount up with wings בְּנִשְׂרָיִם as the eagles* Isa. 40:31, and sometimes when it is a material or abstract noun, in which case the English idiom does not admit the article, *where there is הַזָּהָב gold* Gen. 2:11 LXX. τὸ χρυσίον; *thy wine mixed בַּמַּיִם with water* Isa. 1:22, *where shall הַחָכְמָה wisdom be found?* Job 28:12 LXX. ἢ δὲ σοφία κτλ; *they smote the men בְּסִבְרֵיהֶם with blindness* Gen. 19:11.

a. The article is thus used with adjectives to denote the class, which they describe, *God shall judge* אֱתֵי־הַיְשָׁרִים וְאֵת־הַיָּשָׁרִים *the righteous and the wicked* Eccl. 3:17; *the proverb of* הַקְּדוּשָׁה *the ancients* 1 Sam. 24:14; and with Gentile nouns, which are properly adjectives, § 194. 1, אֱמֹרִיתִי הַיְצִיטִי *the Amorite*, הַכְּנַעֲנִיתִי *the Canaanite*, Gen. 15:21.

b. The Hebrew infinitive does not receive the article; הָיָה, which is the only exception, see Gen. 2:9 and elsewhere, may be regarded as a noun. In a very few instances the article is prefixed to finite tenses of the verb with the force of a relative pronoun. אֲשֶׁר־הָיָה *who went* Josh. 10:24, הַיְיָשָׁה *that shall be born* Judg. 13:8, הַיְיָשָׁה *which he sanctified* 1 Chron. 26:28, הַיְיָשָׁה *who are present* 1 Chron. 29:17. בְּהַיָּרֵךְ *into* (the place) *which he prepared* 2 Chron. 1:4; so also 2 Chron. 29:36, Ezr. 8:25, 10:14, 17. Isa. 56:3, Jer. 5:13, Dan. 8:1. It is once prefixed to a preposition, הָיָה *what* (was) *upon it* 1 Sam. 9:24.

c. In the uses of the article, as stated above, Nos. 4 and 5 are really varieties of No. 3, since the prominent member of a class is the best known and most readily suggested, and when a word is used generically it designates a definite and well-known class of objects which is to be distinguished from every other class.

d. The Hebrew article is sometimes found where the English requires the indefinite article or none at all; but it must not on that account be supposed that it ever loses its proper force or becomes equivalent to an indefinite article. The difference of idiom is due to a difference in the mode of conception. Thus, in comparisons the Hebrew commonly conceived of the whole class of objects of which he spoke, while we mostly think of one or more individuals belonging to the class, כַּנְּסִיךְ *as* (the) *a nest*, Isa. 10:14, כַּסֵּפֶר *as* (the) *a scroll* Isa. 34:4. *like* רֵדִי *(the) a kid* Judg. 14:6, *as* הַדְּבָרִים *(the) bees do* Deut. 1:44. כַּשָּׁנִים *as* (the) *scarlet*, כַּשֶּׁלֶג *as* (the) *snow*. כַּחֲמֹר *as* (the) *crimson*. כַּצֹּמֶר *as* (the) *wool* Isa. 1:18. Cases also not infrequently occur in which the article may either be inserted or omitted with equal propriety and without any material change of sense, according as the noun is to the mind of the speaker definite or indefinite. In speaking of the invasion of his father's flocks, David says, הַיְאֵלִי *the lion and* הַיְהוּבִי *the bear came* 1 Sam. 17:34, because he thinks of these as *the* enemies to be expected under the circumstances; had he thought of them indefinitely as beasts of prey he would have said, without the article, *a lion and a bear*. It is said, Gen. 13:2, that Abram was very rich וּבְנֵהוּבָה וּבְנֵהוּבָה *in* (the) *cattle*, *in* (the) *silver*, and *in* (the) *gold*, since these are viewed as definite and well-known species of property; but in Gen. 24:35 *he hath given him* וְהָאֵלֶּה וְהָאֵלֶּה *flocks and herds and silver and gold*, these are viewed indefinitely in Hebrew as in English.

§ 246. Nouns are definite without the article in the following cases, viz. :

1. Proper nouns, which are definite by signification, אַבְרָהָם *Abraham*, כְּנַעַן *Canaan*, יְרוּשָׁלַם *Jerusalem*.

a. Proper names, originally applied in an appellative sense, sometimes retain the definite article, *הַבַּעַל* *the lord*, *Baal*, *הַשָּׂטָן* *the adversary*, *Satan*, *הַנָּהָר* *the river*, *the Euphrates*, *הַיַּרְדֵּן* *the descending* (stream), *the Jordan*, *הַהַר הַבִּינְיָמִי* *the white* (mountain), *Lebanon*, *הַגַּרְדֵּן* *the garden*, *Carmel*, *הַצִּפּוֹרִים* *the watch-tower*, *Mizpah*, *הָאָדָם* and *אָדָם* *the (first) man*, *Adam*, *הָאֱלֹהִים* and *אֱלֹהִים* *the (true) God*. In *הַשֵּׁבֶט הַמְּנַשֶּׁה* *the half tribe of Manasseh* Dent. 3: 13 and often elsewhere, the article makes more prominent the definiteness of the entire expression: it also occurs without the article, e. g. Num. 32: 33.

2. Nouns with suffixes, which are rendered definite by the appended pronoun, *אָבוֹתֵינוּ* *our father*, *שְׁמוֹ* *his name*, but in Greek *ὁ πατήρ ἡμῶν, τὸ ὄνομα αὐτοῦ*.

a. There are a few instances in which, for special reasons, the article is prefixed to nouns having suffixes. It is emphatic in *הַחֲצִי* *the (other) half of them* Josh. 8: 33, opposed to a preceding *הַחֲצִי* *one half of them*; so in *בְּעֵינֵי הָאֱלֹהִים* Isa. 24: 2. In *חֵסֶד הַעֲרֵבָה* *the worth of thy estimation* Lev. 27: 23, it serves to indicate more clearly the definiteness of the entire expression; so *בְּתוֹךְ הַאֲהֵלִי* *in the midst of my tent* Josh. 7: 21, *בְּתוֹךְ הַקֶּלַע* *in the midst of its fold* Mic. 2: 12, *בְּכֹל הַיְהוּדִים* *the whole of the women with child* 2 Kin. 15: 16; in *לְמַעַן הַזֵּה* Prov. 16: 4 it distinguishes the noun *מַעַן* from the preposition *לְמַעַן*.

b. A suffix which is the direct object of a participle does not supersede the necessity of the article, *הַמַּכֵּה* *the (one) smiting him* Isa. 9: 12, *הַמְּבִיאָה* *the (one) bringing thee up* Ps. 81: 11, *הַמְּצַטְטֵב* *the (one) crowning thee* Ps. 103: 4.

3. Nouns in the construct state before a definite noun, whether this has the article *כּוֹכְבֵי הַשָּׁמַיִם* *the stars of heaven* Gen. 26: 4, *רַגְלֵי הַקֹּהֲלִים* *the feet of the priests* Josh. 3: 13, is a proper name, *שְׁבֵטֵי יִשְׂרָאֵל* *the tribes of Israel* Ex. 24: 4, *הַדָּבָר הַזֶּה* *the word of Jehovah* Gen. 15: 1, has a pronominal suffix, *בְּפִרְיֵי מַעֲשֵׂיךָ* *the first-fruits of thy labours*, *נְשִׂיֵי בָנָיו* *the wives of his sons* Gen. 7: 13, or is itself definite by construction, *מְקוֹלַת שָׂדֵה הַמַּכְפֵּלָה* *the cave of the field of Machpelah* Gen. 23: 19, *אֲרוֹן בְּרִיתֵי הַבְּרִית* *the ark of the covenant of Jehovah* Josh. 3: 3.

a. Nouns in the construct are occasionally found with the article, *הַאֲהֵלָה* *to the tent of Sarah* Gen. 24: 67, *הָאֱלֹהִים בֵּיתֵל* *the God of Bethel* Gen. 31: 13, *הַפִּיּוֹט הַזֶּה* *the pin of the web* Judg. 16: 14, *כָּל חַיֵּי הַבָּשָׂר* *all the abominations of the nations* 1 Kin. 14: 24, *הַקֶּבֶר הַזֶּה* *the grave of the man of God* 2 Kin. 23: 17, *כָּל־הַמַּמְלָכוֹת הָאֵלֶּיךָ* *all the king-*

doms of the earth Jer. 25 : 26. הַמִּשְׁכָּה הַזֶּה *the bill of the purchase*, Jer. 32 : 12. הַמִּשְׁכָּה שֶׁבְּהַר הַשֵּׁנִי Jer. 48 : 32; see Josh. 3 : 11, 8 : 11. 1 Chron. 15 : 27, 2 Chron. 8 : 16, 15 : 8, Ezr. 8 : 29, Isa. 36 : 8. Ezek. 45 : 16, 47 : 15. Zeph. 3 : 19. Zech. 4 : 7, Ps. 123 : 4; also 1 Sam. 26 : 22 K'thibh, 2 Kin. 7 : 13 K'thibh. where the K'ri omits the article.

b. Gentile nouns, derived from a compound proper name, frequently receive the article before the second member of the compound, בְּנֵי-הַבְּנְיָמִין *the Benjamite* Judg. 3 : 15, בְּנֵי-הַבֶּשֶׁת *the Bethshemite* 1 Sam. 6 : 14, בְּנֵי-הַבְּלֵתְיָם *the Bethlehemite* 1 Sam. 16 : 18, אֲבִיעִזִּית *the Abiezrite* Judg. 6 : 11, though this last word also appears in the abbreviated form אֲבִיעִזִּי Num. 26 : 30.

§ 247. The article is frequently omitted in the brief and emphatic language of poetry, where it would be required in prose, מְלִכֵּי-אָרֶץ *kings of (the) earth* Ps. 2 : 2, לְפָנַי שָׁמֶשׁ *in the presence of (the) sun* Ps. 72 : 17, אָמַר שֶׁמֶר אָתָּא בֹקֵר *(the) watchman says, (the) morning comes* Isa. 21 : 12; *to give אֲנִי וְקַדְשׁ וְקָדְשׁ* both *sanctuary and host to be trampled* Dan. 8 : 13.

a. Occasional instances occur of its being dropped from familiar or frequently repeated expressions in prose. שָׁנָה אַחֲרֵיהּ שָׁנָה *to year's end* Deut. 11 : 12, בְּאֹהֶל מוֹעֵד *in (the) tabernacle of (the) congregation* Ex. 27 : 21 (comp. English *in church*). שַׂר-צְבָאָה *(the) captain of (the) host* 1 Kin. 16 : 16. לְמֵוֹלֵט לֵמֻעַל *king Lemuel* Prov. 31 : 1; also in geographical and architectural details, such technical terms as גְּבוּלֵי וְגְבוּלֵי *and (the) border* Josh. 13 : 23, רֵדְהָב וְרֵדְהָב *and (the) breadth* 2 Chron. 3 : 3.

b. When two definite nouns are connected by *and* the article is commonly repeated; it may, however, particularly in poetry, stand only before the first and be understood with the second. וָעֵלְוָה הַחֲקֵי *the (persons) decreeing unrighteous decrees* and *writing, etc.* Isa. 10 : 1. הַזְּמִיר וְהַקְּסֵל *O psaltery and harp* Ps. 57 : 9. Still more rarely a pronominal suffix may be attached to the first only of two words to which it belongs, כֹּחִי וְשִׁירִי *my strength and song* Ex. 15 : 2.

§ 248. There is no indefinite article in Hebrew; indefinite nouns are sufficiently characterized as such by the absence of the article. Thus, נָהָר *a river* Gen. 2 : 10, גַּם-רֶכֶב וְגַם-פָּרָשִׁים *both chariots and horsemen* Gen. 50 : 9, וְדָבָשׁ וְחֵלֶב *milk and honey* Ex. 3 : 8, יָלֵד הַיָּמִים *an infant of days* Isa. 65 : 20.

a. The numeral אֶחָד *one* is occasionally employed in the sense of an indefinite article, אֶחָד אֶתְּלָה *a basket* Ex. 29 : 3, אֶחָד אִישׁ *a man* Judg. 13 : 2, or in the construct before a plural noun, אֶחָד הַנְּבִלּוֹת *one of the foolish women* i. e. *a foolish woman* Job 2 : 10.

ADJECTIVES AND DEMONSTRATIVES.

§ 249. 1. Adjectives and participles, qualifying a noun, are commonly placed after it and agree with it not only in gender and number but in definiteness, that is to say, if the noun is indefinite they remain without the article, but if the noun is made definite, whether by the article or in any of the ways specified in § 246, they receive the article, *בֵּן הַקָּם a wise son* Prov. 10:11, *הַקֵּן יֵצֵא a bridegroom going out* Ps. 19:6, *הַטוֹבָה הָאָרֶץ הַטְּוֵבָה the good land* Deut. 1:35, *רַבְמֵיָהּ הַרְבִּיּים thy manifold mercies* Neh. 9:19. If more than one adjective accompany a definite noun, the article is repeated before each of them, *הַשֵּׁם הַנּוֹכָחַד וְהַנִּזְוָר the glorious and fearful name* Deut. 28:58.

a. The adjective *רַבִּים many* is in a few instances, for the sake of greater emphasis, prefixed to the noun which it qualifies, *רַבִּים בְּרַבִּים many sons* 1 Chron. 28:5. *רַבּוֹת טָהוּרִים many times* Neh. 9:28. so Ps. 32:10, 89:51, Jer. 16:16. Other instances are rare. *זֶר מַגִּישָׁהּ זֶר his strange work*, *נְקָמָה נְקָמָהּ his strange task* Isa. 28:21, *צַדִּיק עֲבָדִי my righteous servant* Isa. 53:11, *אֲחוֹתָהּ אֲחוֹתָהּ her treacherous sister* Jer. 3:7. 10.

b. Some exceptional cases occur, in which an adjective qualifying a definite noun does not receive the article, *הַתְּנַקְלָה הַרְשָׁאָה the new cart* 2 Sam. 6:3, *הַיֵּצֵן הַנֶּחְדָּה the strange vine* Jer. 2:21, Ezek. 39:27, Dan. 8:13, 11:31, or when the noun is made definite by a suffix. *אָחִיךָ אֲחֵר your other brother* Gen. 43:14, *הַלְבָּשׁ אֶחָד the one lamb* Num. 28:4. Ezek. 34:12. Hag. 1:4. In *הַבְּרָאָה הָרָעָה an evil report respecting them* Gen. 37:2, the suffix denotes the object and the noun is really indefinite. Comp. § 246. 2. b.

c. On the other hand, the article is sometimes dropped from the noun, but retained before the adjective, *הַחֵצֵר הַגְּדוֹלָה the great court* 1 Kin. 7:12, *הָאִישׁ הַגִּישָׁר the rich man* 2 Sam. 12:4, *בּוֹר הַגְּדוֹל the great well* 1 Sam. 19:22, Neh. 9:35, Ps. 104:18, Jer. 27:3. 32:14. 40:3 K'thibh, Ezek. 9:2, Zech. 4:7; so with the ordinal numbers. *יּוֹם הַשִּׁשִּׁי the sixth day* Gen. 1:31, 2:3, Ex. 20:10, Deut. 5:14, Judg. 6:25, Jer. 38:14.

2. Demonstrative pronouns follow the same rule of position and agreement, only the nouns which they qualify are invariably definite, § 245. 2, *הַיּוֹם הַזֶּה this day* Gen. 7:13, *הַדְּבָרִים הָאֵלֶּה these things* Gen. 15:1, *הָאֲנָשִׁים הַהֵמָּה those men* Num. 9:7. If both an adjective and a demonstrative

qualify the same noun, the demonstrative is placed last, הַאֲרָץ הַזֹּאת Deut. 9 : 6, הַטְּבוֹרֹת הַבָּאֹת הַאֵלֶּה, *these good years that (are) coming* Gen. 41 : 35.

a. The demonstrative הַי occasionally stands emphatically before its noun. הַי מֹשֶׁה הַזֶּה *this Moses* Ex. 32:1, where it is probably contemptuous like the Latin *iste*, הַי לֶחֶם הַזֶּה *this our bread* Josh. 9:12. Judg. 5:5. 1 Sam. 17:55. 56. הַי הָעָם *this people* Isa. 23:13, Hab. 1:11. The demonstrative both follows the noun and is repeated after the adjective in הַגּוֹיִם הַאֵלֶּה הַנּוֹשְׁתִים הַנְּשָׁאֲרִים *these nations these that remain* Josh. 23:7, 12.

b. The article is sometimes omitted from the demonstrative, הַיִּזְוֵהוּ *this generation* Ps. 12:8. הַיָּלַיְלָה הַזֶּה *in that night* Gen. 19:33. 30:16, 32:23. 1 Sam. 19:10, particularly if the noun is made definite by means of a suffix. הַיָּמִי אֲנִי *this my oath* Gen. 24:8, הַאֲתָּה *these my signs* Ex. 10:1, 11:8. Deut. 11:18. Josh. 2:14, 20, Judg. 6:14, 1 Kin. 22:23, 2 Chron. 18:22. 24:18, Jer. 31:21.

c. The article is still more rarely dropped from the noun. מְלֶכֶת הַבֶּשֶׂת הַזֹּאת *this small quantity of honey* 1 Sam. 14:29. אִישׁ אֶפְרַתָּה הַזֶּה *that Ephrathite* 17:12, הַחֲלִי הַזֶּה *this sickness* 2 Kin. 1:2, 8:8.

NUMERALS.

Cardinal Numbers.

§250. 1. The numeral אֶחָד *one* is treated like other adjectives, and follows the rules of position and agreement already given, אֶחָד מְקוֹם *one place* Gen. 1 : 9, הַחֲרוּזָה הָאֶחָדָה *the one curtain* Ex. 26 : 2.

a. In a very few instances the noun is in the construct before the numeral *one*, אֶחָד מִשְׁפָּט *one law* Lev. 24:22. אֶחָד אֲרוֹן *a chest* 2 Kin. 12:10, אֶחָד שָׂרָה *one governor* Isa. 36 : 9, comp. § 254. 6. b.

2. The other cardinal numbers are joined to nouns as follows, viz. :

(1.) They commonly stand before the noun to which they belong and in the absolute state, אַרְבָּעָה מְלָכִים *four kings* Gen. 14 : 9, שֵׁשִׁים עִיר *sixty cities* Deut. 3 : 4, מֵאָה אֲמִיקָם *a hundred cakes of raisins* 2 Sam. 16 : 1, שֵׁשֶׁת אֲלָפִים פָּרָשִׁים *six thousand horsemen* 1 Sam. 13 : 5.

(2.) Such as have a distinct form for the construct (viz.

2–10, מאָ מאָ hundred, אַלפֿי thousands) may also stand before the noun in the construct state, בָּנִים שְׁנַיִ two sons prop. *two of sons* Gen. 10 : 25, אַרְבַּעַת יָמִים four days Judg. 11 : 40, מֵאָת אֶרְסוֹת a hundred sockets Ex. 38 : 27, שְׁלֹשָׁת אַלְפֵי גַמְלִים three thousand camels Job 1 : 3.

a. The numbers *two, three, four, and seven*, occur with the suffixes of pronouns which are in apposition with them, שְׁנֵינוּ אֲנִי וְאַחֵינוּ *we, both of us* 1 Sam. 20 : 42, שְׁתֵּיהֶן they two or both of them 1 Sam. 25 : 43, יָעָלְתְּךָ ye three, שְׁלֹשָׁתָם they three Num. 12 : 4, אַרְבַּעָתָם they four Dan. 1 : 17, שִׁבְעָתָם they seven 2 Sam. 21 : 9 K'ri. The following numerals occur with pronominal suffixes having a possessive sense, חֲמִשָּׁתֶיךָ thy fifty, 2 Kin. 1 : 10, חֲמִשִּׁיתָם their fifties ver. 14, אֲלָפָי my thousand Judg. 6 : 15, אֲלָפֶיכֶם your thousands 1 Sam. 10 : 19, רֶבְבָתָיו his ten thousands 1 Sam. 18 : 7.

(3.) Less frequently the numerals stand after the noun in the absolute state, שִׁבְעַת מַעְלֹת seven steps Ezek. 40 : 22, כֶּבֶדִּים אַתְנַיִם twenty she-asses Gen. 32 : 16, מֵאָת אֶלְפֵי a hundred thousand talents 1 Chron. 22 : 14.

§ 251. 1. The units (including *ten*), whether they stand singly or are compounded with other numbers, agree with their nouns in gender, שְׁלֹשׁ דָּלָתוֹת three leaves Jer. 36 : 23, אַרְבַּעַת כַּסְיֵי הַרֵי שְׁלֹשָׁה three baskets of bread Gen. 40 : 16, אַרְבָּעָה עָשָׂר כְּבָשִׂים fourteen lambs Num. 29 : 15; the other numerals observe no distinction of gender.

a. When the units qualify מאָ hundreds or אַלְפֵי thousands, their gender is determined by that of these words respectively. In שְׁלֹשָׁת נְשֵׁי-בָנָיו the three wives of his sons Gen. 7 : 13, the masculine adjective is probably to be explained by the fact that the noun, though in reality feminine, has a masculine termination.

2. Nouns accompanied by the units (2–10) are almost invariably plural, while those which are preceded by the tens (20–90) or numbers compounded with them (21, etc.), are commonly put in the singular, אַרְבָּעִים לַיְלָה וְאַרְבָּעִים לַיְלָה forty days and forty nights Gen. 7 : 4, אַרְבַּע וְשָׁלֹשִׁים שָׁנָה four and thirty years Gen. 11 : 16, עֶשְׂרִים שָׁנָה וְשִׁבְעַת שָׁנִים twenty years and seven years Gen. 23 : 1.

a. This phenomenon is probably to be accounted for upon a principle analogous to that by which the anomalous terminations for gender in the numerals has been explained, §223. 2. When the numeral has itself a plural form, as it has in the tens, the plurality of the entire expression is sufficiently indicated without giving a plural ending to the noun likewise. But with the units which have a singular termination, the noun must take a plural form. It may be observed, however, that this peculiarity chiefly affects a certain class of nouns, viz. those which are most frequently numbered, and in which, consequently, the tendency to abbreviate the expression by retrenching the plural ending is most strongly manifested. These are such as אִישׁ *man*, and various measures of time, space, weight, etc., e. g. שָׁנָה *year*, יוֹם *day*, אַמְּזָה *cubit*, שֶׁקֶל *shekel*. These nouns are also found, though less constantly, in the singular with *hundreds* and *thousands*, הַשָּׁנָה הַשְּׁמִינִי אֶלֶף *nine hundred years* Gen. 5:5, אַמְּזָה אֶלֶף *a thousand cubits* Num. 35:4, and with the numbers from 11 to 19, חֲמִשָּׁה עָשָׂר *fifteen shekels* Lev. 27:7. Comp. in German *hundert Fuss lang*, *funfzig Pfund schwer*, and in English *twenty head of cattle*, *a ten foot pole*.

b. The numbers from 2 to 10 are very rarely found with singular nouns, שְׁנַיִם שָׁנִים *eight years* 2 Kin. 22:1, שְׁלוֹשׁ אַמְּזָה *three cubits* 25:17 K'thibh where the K'ri has אַמְּזָה. The tens are occasionally followed by the plural, שְׁלוֹשִׁים בְּרֵעִים *thirty companions* Judg. 14:11, אֶשְׁתֵּי עָשָׂר בְּנֵי חַיִּל *eighty sons of valour* 2 Chron. 26:17, אַרְבָּעִים וּשְׁנַיִם יְלָדִים *forty-two children* 2 Kin. 2:24. When the noun precedes the numeral it is always put in the plural.

c. In enumerations of familiar objects the noun is sometimes omitted, when the meaning is sufficiently plain from the connection, עֲשָׂרָה זָהָב *ten (shekels) of gold* Gen. 24:22, שְׁלוֹשׁ מֵאוֹת כֶּסֶף *three hundred (shekels) of silver* Gen. 45:22, שְׁתֵּי הַרְבֵּעִים *two (loaves) of bread* 1 Sam. 10:4, שֵׁשׁ עֶשְׂרִים *six (ephahs) of barley* Ruth 3:15. In measurements, the word אַמְּזָה *cubit* is occasionally preceded by the preposition בְּ, thus אַרְבַּע בְּאַמְּזָה *four by the cubit* i. e. four cubits.

3. Compound numbers may either proceed from the higher to the lower denomination, אֶלֶף מֵאוֹתִים חֲמִשִּׁים וָאַרְבָּעָה *a thousand two hundred fifty and four* Neh. 7:34, or the reverse, שְׁבַע וְשָׁלְשִׁים וּמֵאוֹת שָׁנָה *seven and thirty and a hundred years* Ex. 6:16. The noun sometimes stands at the beginning or end of the entire series as in preceding examples, and sometimes it is repeated after each numeral, מֵאוֹת שָׁנָה וּמֵאוֹת שָׁנָה וְעֶשְׂרִים שָׁנִים *a hundred years and twenty years and seven years* Gen. 23:1.

4. Numeral adjectives may receive the article when they represent an absolute number, or the noun is not expressed;

but when they are joined to a definite noun the latter alone receives the article, הַשְּׁנַיִם (*the*) *two are better than* הַאֶחָד (*the*) *one* Eccles. 4 : 9, הָאַרְבָּעִים *the forty* Gen. 18 : 29, חֲמִישִׁים *the fifty righteous* ver. 28, שְׁתֵּי בָנָהּיו *his two daughters* 19 : 30, אַרְבָּעִים הַיּוֹם *the forty days* Deut. 9 : 25.

a. When compound numbers 11, 12, etc., receive the article, it may be given to the first member of the compound, הַשְּׁנַיִם עָשָׂר *the twelve* 1 Chron. 25 : 19, 27 : 15, 1 Kin. 6 : 38, or to the second, שְׁנַיִם הַעָשָׂר אִישׁ *the twelve men* Josh. 4 : 4, 1 Kin. 19 : 19. In the example just cited the article is given to the numeral instead of to the noun, but in הַתְּשֵׁבֵעִים-עֶשְׂרֵת *the twelve oxen* 1 Kin. 7 : 44, the general rule is observed. In הַיְלָדִים הָאַרְבָּעָה *these four children* Dan. 1 : 17, the numeral following a definite noun receives a pronominal suffix referring to it.

Ordinal Numbers, etc.

§ 252. 1. The ordinal numbers follow the general law of adjectives in position and agreement with the substantive, to which they belong, בֶּן שְׁנַיִם *a second son* Gen. 30 : 7, בַּשָּׁלִישִׁתָּה *in the third year* 1 Kin. 18 : 1.

2. The lack of ordinals above *ten* is supplied by using the cardinals instead, which are then commonly preceded by the noun in the construct state, שְׁנַיִם עָשָׂרִים וְשֶׁבַע *the twenty-seventh year* 1 Kin. 16 : 10, although this order is not always observed, שְׁלֹשָׁתֵּי עָשָׂרִים *thirteenth year* Gen. 14 : 4.

a. A fuller form of expression is sometimes employed, e. g. בַּשְּׁמֹנְתָה *in the thirty-eighth year* prop. *in the year of thirty-eight years* 1 Kin. 16 : 29, 2 Kin. 15 : 1.

b. In dates the cardinals are used for the day of the month and sometimes for the year, even though the number is below ten; the words day and month are also frequently omitted. שְׁבַע שָׁנִים *the seventh year* 2 Kin. 12 : 1, אַרְבָּעָה יָמֵי חֹדֶשׁ הַתְּשֵׁבֵעִי *the fourth (day) of the ninth month* Zech. 7 : 1, בַּשְּׁבַעִי *in the seventh (month)* ver. 5.

3. When the ordinals are used to express fractional parts, § 227. 3, they stand before the noun, הַחֹדֶשׁ הַשְּׁלִישִׁתָּה *the third of a hin* Num. 15 : 6.

4. Distributive numbers are formed by repeating the cardinals, שְׁנַיִם שְׁנַיִם *two by two* Gen. 7 : 9, שְׁבַעֲךָ שְׁבַעֲךָ *by*

sevens ver. 2. The numeral adverbs *once, twice, etc.*, are expressed by the feminine of the cardinals, אַחַת *once*, שְׁתַּיִם *twice* 2 Kin. 6:10, Ps. 62:12, or by means of the noun עֶשֶׂר *stroke or beat*, פַּעַמַיִם *twice* Gen. 27:36, עָשָׂר פְּעָמַיִם *ten times* Job 19:3 or רֵגְלַיִם *steps*, שְׁלֹשׁ רֵגְלַיִם *three times* Ex. 23:14.

a. This use of these nouns has arisen from the method of counting by beats or taps with the hand or foot.

APPOSITION.

§ 253. When one noun serves to define or to describe another it may be put in apposition with it. This construction, of which a more extended use is made in Hebrew than in occidental languages, may be employed in the following cases, viz. :

1. When both nouns denote the same person or thing, דָּוִד הַמֶּלֶךְ 2 Sam. 6:16, or less commonly, דָּוִד הַמֶּלֶךְ 13:39 *king David*, אִשָּׁה אַלְמָנָה *a woman (who was) a widow* 1 Kin. 7:14.

2. When the second specifies the first by stating the material of which it consists, its quantity, character or the like, הַבָּקָר הַחֹשֶׁשׁ *the oxen the brass i. e. the brazen oxen* 2 Kin. 16:17, שְׁלֹשׁ סָאִים קֶמַח *three measures (consisting of) meal* Gen. 18:6, שִׁבְעַתְּשָׁנִים רָעָב *seven years (of) famine* 2 Sam. 24:13, שְׁלֹשָׁה שָׁבָעִים יָמִים *three weeks (of) days* Dan. 10:3, יָמִים מְסָפָר *days (which are) a number, i. e. such as can be readily numbered*, אַמְרֵים אֱמֶת *words (which are) truth* Prov. 22:21.

a. In this latter case the closer connection of the construct state might, with equal propriety, be employed, § 254. 4, etc. The following examples will show with what latitude the rule of apposition is occasionally applied, מַיִם לְחֵץ *water (which is) affliction i. e. identified with it or characterized by it* 1 Kin. 22:27, יַיִן תְּרַגְּלָהּ *wine (which is) intoxication i. e. produces it* Ps. 60:5, רֵגְלֵי רֹבֵי בָקָר *pasture-cattle i. e. those whose characteristic it is that they have been in the pastures* 1 Kin. 5:3; *bearing*

הַבְּרִית הָאֲרוֹן הַכְּלוּיָהּ *the ark viz. the covenant*, which was the thing of chief consequence about the ark Josh. 3:14, *a hundred thousand* אֶלְפִים קָמָר 2 Kin. 3:4, which is by some understood to mean *wool-bearing rams* i. e. characterized by the production of wool; according to others, the first word denotes the quantity and the second the material, *rams (of) wool* i. e. as much as rams have, *fleeces*.

b. Proper nouns, which have no construct state, may be followed by qualifying nouns in a loose sort of apposition, בֵּית לָחֶם יְהוּדָה *Bethlehem* (in) *Judah* 1 Sam. 17:12, compare in English, Princeton, New Jersey; בְּתוֹר אֲרָם פְּתוֹר *Pethor* (in) *Mesopotamia* Deut. 23:5, גַּת פְּלִשְׁתִּים *Gath* (of) *the Philistines* Am. 6:2; *the destined possessor of my house is* הַמְּשִׁיב דַּמְשֻׁק *Damascus* (in the person of its citizen) *Eliezer* Gen. 15:2. אֱלֹהֵי אֲבוֹת *God (of) Hosts* Ps. 80:5, 8, 15, 20; when אֱלֹהֵים is regarded as an appellative noun instead of a proper name, this divine title becomes אֱלֹהֵי אֲבוֹת Ps. 89:9.

THE CONSTRUCT STATE AND SUFFIXES.

§ 254. When one noun is limited or restricted in its meaning by another, the first is put in the construct state; if the limiting word be a personal pronoun it is suffixed to the noun. The relation thus expressed corresponds, for the most part, to the occidental genitive or to that denoted in English by the preposition *of*. The primary notion of the grammatical form is simply the juxtaposition of two nouns, or the union of a noun and a pronoun, to represent the subordination of one to the other in the expression of a single idea, § 212. The particular relation, which it suggests, is consequently dependent on the meanings of the words themselves, and is in each case that which is most naturally suggested by their combination. Thus, the second noun or the pronominal suffix may denote

1. The *possessor* of that which is represented by the preceding noun, הַיְכָל יְהוָה *the temple of Jehovah* 1 Sam. 1:9, רְכִישָׁם *their substance* Gen. 12:5. This embraces the various degrees of relationship, בֶּן-אַבְרָהָם *son of Abraham* Gen. 25:12, אִשְׁתָּךְ *thy wife* Gen. 12:5.

2. The *whole*, of which the preceding word denotes a part,

עֲמִיהָ the poor of thy people Ex. 23 : 11, נִכְבְּרֵי-אָרֶץ the honourable of the earth Isa. 23 : 9.

a. The construct relation, when thus employed, indicates that the part singled out from the whole possesses the quality referred to in an eminent degree. The first word is sometimes an abstract noun. קוֹמַת אֲרָזָיו the height of his cedars i. e. his highest cedars 2 Kin. 19 : 23. Here too belong the superlative expressions, קֹדֶשׁ קְדָשִׁים holy of holies, שִׁיר הַשִּׁירִים the song of songs, אֲבִדָּה אֲבִדִּים servant of servants, one that is a servant by way of eminence when compared with all others.

3. An individual of the class denoted by the preceding noun, thus serving the purpose of a more exact designation, אֶרֶץ מִצְרָיִם the land of Egypt Gen. 41 : 19, נְהַר-פָּרָה the river (of) Euphrates Gen. 15 : 18, עֵצֵי אֲרָזִים cedar trees, 2 Chron. 2 : 7, הַיִּלְעָנָה הַגָּלֹב worm (of) Jacob Isa. 41 : 14, אֲנָשֵׁי הַתְּחָרִים men (who are) merchants 1 Kin. 10 : 15.

4. The material of which the preceding noun is composed, כֶּלִי-עֵץ vessel of wood Lev. 11 : 32, טַרְסָה הַצֹּאן the flock of goats Cant. 4 : 1.

5. The measure of its extent, value, duration, etc., מִשְׁקַל גִּבֹּרֶת the weight of a talent 1 Chron. 20 : 2, מִסְפָּר מְהִירָם men of number i. e. readily numbered, few, Gen. 34 : 30, אֶהְיֶה עִלְמָם a possession of perpetuity Gen. 17 : 8.

6. An attribute, by which it is characterized, גִּבּוֹר הַחַיִל mighty man of valour Judg. 11 : 1, עֵץ פְּרִי tree of fruit Gen. 1 : 11, גֵּיא הַחַזְוִן valley of vision i. e. distinguished as the one where visions are received Isa. 22 : 1, צֹאן הַחֲרֹגָה the flock of slaughter i. e. which is to be slaughtered Zech. 11 : 4.

a. It will be observed that the Hebrew uses nouns to express many of the ideas for which adjectives are employed in other languages; thus, in the examples under Nos. 4, 5, and 6, vessel of wood for wooden vessel, possession of perpetuity for perpetual possession, mighty man of valour for valiant mighty man, flock of slaughter for great mactanda. This both arises from and explains the comparative paucity of adjectives in Hebrew: though even where corresponding adjectives exist the other construction is frequently preferred. קְדָשׁ בְּקִדְוֶת garments of holiness Ex. 28 : 2, זְבָחֵי-צְדָקָה sacrifices of righteousness, קְדוֹשׁ קְדוֹשׁ holy and צְדִיק צְדִיקָה righteous being used with

less latitude and with a stricter regard to the ethical idea which they involve. Attributives are frequently formed by prefixing such words as *איש* *man*, *בָּבֶל* *lord*, *בֶּן* *son*, *בַּת* *daughter*, to abstract nouns or other substantives, thus, *איש הָאָר* *a man of form* i. e. *comely* 1 Sam. 16:18, *אִישׁ דְּבָרִים* *man of words* i. e. *eloquent* Ex. 4:10. *בֶּזֶל הַחַלְמוֹת* *the possessor of dreams* i. e. *dreamer* Gen. 37:19, *בֶּן־שְׁמֹנֶת הַיָּמִים* *son of eight days* i. e. *eight days old* Gen. 17:12, *בֶּן־מָוֶת* *son of death* i. e. *deserving to die* 1 Sam. 20:31, *בְּנֵי־בְלִיַּעַל* *sons of worthlessness* i. e. *wicked* Deut. 13:14, *בַּת־הַשָּׁנִים* *daughter of ninety years* i. e. *ninety years old* Gen. 17:17.

b. Occasionally in poetry an adjective instead of agreeing with its substantive is treated as though it were an abstract noun. *כְּלֵי הַקָּטָן* *vessels of small* (capacity) Isa. 22:24, *מֵי מָלֵא* *waters of fulness* Ps. 73:10, *כְּלֵי־בַיִת* perhaps *every house of great* (size), though others render *every great* (man's) *house* Jer. 52:13. So sometimes an adverb, *מִתַּי מְעַט* *few men* Deut. 26:5, *הַמְּבִיר עֲבֹת הַמִּזְבֵּחַ* *continual burnt-offering* Num. 28:6, *דַּם הַיָּמִי* *blood* (shed) *causelessly* 1 Kin. 2:31, *יְוָזֵם יוֹצְרֵי יוֹזָם* *enemies in the day time* Ezek. 30:16, *אָבֵן הַדֹּלֵם* *dumb stone* Hab. 2:19, or adverbial phrase, *אֵלֶיךָ מִקְרֵב* *a God nigh at hand*, *אֵלֶיךָ מִרְחֹק* *a God afar off* Jer. 23:23.

7. The *source* from which the preceding noun is derived, *יְהוָה תּוֹרַת יְהוָה* *the law of Jehovah* Ex. 13:9, *סֵפֶר מֹשֶׁה* *the book of Moses* 2 Chron. 25:4, *הוֹלֵת אֶהָבָה* *sick from love* Cant. 2:5.

8. The *subject* by which an action is performed, or in which an attribute inheres, *אֶהָבֶת יְהוָה* *the love of God* i. e. exercised by him 1 Kin. 10:9, *הַכְּמָה שְׁלֹמֹה* *the wisdom of Solomon* 1 Kin. 5:10.

9. The *object*, upon which an action is directed, *יִרְאַת ה' אֵלֶיךָ* *the fear of God* Gen. 20:11, *מִמְשָׁלַת הַיּוֹם* *the rule of the day* Gen. 1:16.

a. After nouns, which express or imply action, the following noun or suffix denotes the subject or the object as the sense or the connection may demand. *קִנְיַת יְהוָה* *the zeal of Jehovah*, which he feels Isa. 37:32, *קִנְיַת אֲתֵיכֶם* *zeal of the people*, which is felt for them Isa. 26:11; *צִיָּאת סֹדֵם* *the cry against Sodom* Gen. 18:20, *צִיָּאת־הַפֹּדֶל* *the cry of the poor* Prov. 21:13; *חַמְסֵי תַמְסֵי* *his wrong* i. e. done by him Ps. 7:17, *חַמְסֵי תַמְסֵי* *my wrong* i. e. done to me Gen. 16:5; *דַּרְבַּי־הַיָּם* *the way of the sea* i. e. leading to it 1 Kin. 18:43, *דַּרְבַּי־הַיָּם* *the way of Jeroboam* i. e. in which he walked 1 Kin. 16:26.

b. Active participles are frequently put in the construct state before their object, *מְשִׁיבָה נְפֹשׁ* *restoring the soul* Ps. 19:8, *שֹׁמֵר אֶת־שֵׁם יְהוָה* *loving thy name* Ps. 5:12, *בָּאָה שַׁעַר* *entering the gate* Gen. 23:10. So even before an infinitive which they govern, *מִשְׁבִּיר קִיָּם* *being early to rise* Ps. 127:2. Passive participles may be in the construct before the subject of the action, *מְטִיבָה אֱלֹהִים* *smitten of God* Isa. 53:4, *יְלִידָה אִשָּׁה* *born of a woman*

Job 14:1, or before the secondary object, if the verb is capable 'in the active of having a double object. הִגְדַּתְי־שָׂק הַגְּדִילִים *girded with sackcloth* Joel 1:8, לְבוּשׁ חֲבָלִים *clothed with linen* Ezek. 9:11. When a noun follows the infinitive it may be in construction with it as its subject, בִּקְרָא מִלְּפָנֶיךָ *on the king's reading* 2 Kin. 5:7. הִדְרִישׁוּ *his driving out* Num. 32:21, or be governed by it as its object, קָרָא־שְׂמוֹנָלָל *to call Samuel* 1 Sam. 3:8, הִדְרִישׁוּם *to drive them out* Deut. 7:17.

10. The respect in which a preceding attribute holds, so that it answers the purpose of *specification*, טְמֵאֵי־שְׂפָתַיִם *unclean as to lips* Isa. 6:5, קָשִׁי־לֵב *hard hearted* Ezek. 3:7, רֵעַת קַרְנֵי בְגָדָיִם *rent as to garments*, 2 Sam. 13:31.

a. This answers to what is known as the Greek accusative, *πόδας ὠκύς*; the English has in certain cases adopted the Hebrew idiom, so that we can say *swift of foot, blind of an eye*, etc.

§ 255. 1. When the relation between two nouns is expressed by an intervening preposition, the first commonly remains in the absolute state: it may, however, particularly in poetry, be put in the construct, הָרִי בְּגִלְבָּעַי *mountains in Gilboa* 2 Sam. 1:21, מִלְּפָנֶיךָ נְבִיאֵי *prophets out of their own heart* Ezek. 13:2, כְּכֹחַ בְּנֵי *according to the ability in us* Neh. 5:8.

2. A noun is sometimes put in the construct before a succeeding clause with which it is closely connected: thus, before a relative clause, מְקוֹם אֲשֶׁר *the place where*, etc., Gen. 39:20, אֲשֶׁר עַל־הַיָּבֵר *for the reason that* Deut. 22:24, particularly when the relative is itself omitted, בְּיַד־הַשֵּׁלֶחַ *by the hand of (him whom) thou wilt send* Ex. 4:13, תְּחִלַּת הַדְּבָר־הַזֶּה *the beginning of (what) Jehovah spake* Hos. 1:2, or before the conjunction וְ *and*, הַכְּמִת וְהַדַּעַת *wisdom and knowledge* Isa. 33:6, וְלֹא מִיָּיִן *drunken and not with wine* Isa. 51:21.

3. Three, four, or even five nouns are sometimes joined together in the relation of the construct state, רֵאשֵׁי בֵית־אֲבוֹתָם *the heads of the houses of their fathers* Ex. 6:14, מִסְפַּר שְׁבֻטָיִם *the number of the tribes of the children of Israel* Josh. 4:5, לֵבַב מִלְּךְ־אַשּׁוּר *the fruit of the greatness of heart of the king of Assyria* Isa. 10:12.

a. In a very few instances, only occurring in poetry, two words of like meaning are united in the construct before the same noun. *גַּרְרֵי גַּחְלֵי הַבֶּשֶׂת* *rivers, brooks of honey* Job 20 : 17, *נִישָׁקֵי רוּחַי־תְּשִׁיחַ* Ps. 78 : 9, if rendered as it is by some *armed with shooting the bow*, though *נִישָׁקֵי* may be in construction not with *תְּשִׁיחַ* but with *רוּחַי* *armed ones of those who shoot the bow, armed bowmen*. See Alexander *in loc*.

§ 256. When two words are in the construct relation they must stand in immediate conjunction, and no other word can be suffered to come between them as it would obscure the sense. Hence an adjective, participle or demonstrative, qualifying a noun in the construct state, cannot stand immediately after it, but must be placed after the governed noun, *מִגְשָׁה רְחוֹקָה הַקְּדוֹל* *the great work of Jehovah* Judg. 2 : 7, *גְּזֻזָּה זָהָב גְּדוֹלָה* *a great crown of gold* Esth. 8 : 15. So an article or suffix, belonging to a noun in the construct, must be attached not to it but to the governed noun, *אֲזִילָיִי גִבּוֹרֵי הַחַיִל* *the mighty men of valour* Josh. 1 : 14, *זָהָבֵי זָהָבֵי* *his idols of gold* Isa. 2 : 20, *שֵׁם קִדְשִׁי* *my name of holiness* i. e. *my holy name* Lev. 20 : 3.

a. When the governing and the governed noun are of the same gender and number it may be doubtful to which of them the following adjective is to be referred, thus *אָחִי הַזֶּקֶן הַקְּדוֹל* Gen. 10 : 21 may either mean *the elder brother of Japheth* or *the brother of Japheth the elder*.

b. In a very few instances, only occurring in poetry, a noun with a suffix stands in the construct before a following word, *מִרְקָבֵי יְשׁוּעָה* *thy chariots of salvation* Hab. 3 : 8, *מִיְחֻס־יָמִי* *my refuge of strength* Ps. 71 : 7, *הַדֶּלֶת הַלְוָה זָמִיהַ* *thy way of lewdness* Ezek. 16 : 27, though these are rather to be regarded as instances of apposition in the wide sense. § 253. 2. Nouns in the construct occasionally receive the article, § 246. 3. a.

c. In the following passages a brief word intervenes between *כֹּל*, which, though properly a noun signifying *totality*, is in usage equivalent to a pronominal adjective *all, every*, and the noun which it governs, *כֹּל כִּלְיֵי הַשָּׂא* *take away all iniquity* Hos. 14 : 3, so 2 Sam. 1 : 9, Job 27 : 3, and perhaps Isa. 38 : 16; but see Alexander *in loc*. Like the Greek *πᾶς*, when followed by a definite noun *כֹּל* means *the whole* or *all*, *כֹּל הָעָם* *all the people*, *כֹּל הָאָרֶץ* *the whole earth*, when followed by an indefinite noun *every*, *כֹּל בֵּיתֵיהֶם* *every house*; though here as elsewhere the poets may omit the article, which would be necessary in prose, *כֹּל רֹאשׁ* *the whole head* Isa. 1 : 5. Connected with a negative adverb it forms a universal negation *no*, or if the words be rendered separately our idiom requires us to translate *כֹּל* by *any*, *כֹּל לֹא יֵעָשֶׂה* *no work shall be done* Ex. 12 : 16,

אין כלה־ה'ש *there is no new thing* Eccl. 1 : 9. לא יוכל כלה־אלוה *neither can any god* 2 Chron. 32 : 15. Comp. οὐ δικαιωθήσεται πᾶσα σάρξ Rom. 3 : 20.

d. He paragogic may be attached to a noun in the construct state, שָׁמַיִם תִּזְרָחָה *toward the rising of the sun* Deut. 4 : 41, Gen. 24 : 67.

§ 257. The preposition לְ *to, belonging to*, with or without a preceding relative pronoun, may be substituted for the construct relation in its possessive sense, הַצֹּאן אֲשֶׁר לְאָבִיהָ *her father's sheep* prop. *the sheep which belonged to her father* Gen. 29 : 9, comp. הַבַּיִת לְאֵלִישָׁע *the house of Elisha* 2 Kin. 5 : 9, comp. Latin *pater mihi*. This is particularly the case

1. When the first noun is omitted לְדָוִד (a psalm) of David Ps. 11 : 1, אֲמֹנוֹן לְאֶחָיוֹנָם *Amnon (son) of Ahinoam* 2 Sam. 3 : 2.

2. When the first noun is indefinite and the second definite, בֶּן לִישָׁי *a son of Jesse* 1 Sam. 16 : 18 (בֶּן־יִשָׁי 2 Sam. 20 : 1 is *the son of Jesse*, § 246. 3), עֶבֶד לְשָׂר הַטְּבָחִים *a servant of the captain of the guard* Gen. 41 : 12.

a. Hence the frequent use of לְ (*Lamedh auctoris*) in the titles of the Psalms and other compositions בְּזִמְרֵי דָוִד *a psalm of David* i. e. belonging to him as its author, תְּפִלָּה לְחַבְקִיָּן *a prayer of Habakkuk*.

3. When the first noun is accompanied by a numeral adjective, especially in dates, הַחֲמִישֶׁה־עָשָׂר יוֹם לַחֹדֶשׁ *the fifteenth day of the month* 1 Kin. 12 : 32, בְּשָׁנָה הַחֲמִישִׁית לְמַלְכּוֹ *in the fifth year of the king* 1 Kin. 14 : 25, בְּשָׁנָה שְׁלֹשׁ לְאָסָא *in the third year of Asa* 1 Kin. 15 : 33.

4. When several genitives are connected together, סֵפֶר הַדְּבָרִי הַזֵּה לְמַלְכֵי יְהוּדָה *the book of the Chronicles of the kings of Judah* 1 Kin. 15 : 23.

THE PREDICATE.

§ 258. 1. The predicate of a sentence, if a substantive, adjective, or pronoun, may be connected with its subject without an intervening copula, their mutual relation being

sufficiently suggested by simply placing them together, טוֹב כָּל-דְּרָבוֹתֶיהָ שְׁלוֹמִים *all her paths (are) peace* Prov. 3 : 17, טוֹב הָעֵץ *the tree (was) good* Gen. 3 : 6, זֶה הַדֶּרֶךְ *this (is) the way* Isa. 30 : 21.

2. Or the pronoun הוּא of the third person may be used as a copula, הוּא הַנָּהָר הַרְבִּיעִי הַיְחָד *the fourth river is Euphrates* prop. *it (is) Euphrates* Gen. 2 : 14, מַה-הֵמָּה אֵלֶּה *what are these?* Zech. 4 : 5, מִלְכִי אַתָּה-הוּא *thou art my king* Ps. 44 : 5, הָאֵלֶּה הַשְּׁלוֹמִים הֵם *these men are peaceable* Gen. 34 : 21.

3. Or the verb הָיָה *to be* may be employed for a like purpose, particularly if the idea of past or future time is involved, הָיָה הָאָרֶץ הַחֲרָבָה *the earth was desolate* Gen. 1 : 2, הָיוּ הַבָּקָר הַרִוִי הַרְשֹׁוֹת *the oxen were ploughing* Job 1 : 14.

a. Verbs which denote some modification of being are sometimes employed in the same way; thus, הִתְחַל בְּהוּיָה *began (to be) dim* 1 Sam. 3 : 2; וַיִּתְחַל נֹחַ אִישׁ הָאֲדָמָה *and Noah began (to be) a husbandman* Gen. 9 : 20; וְכִי תִפְּרֹק שֵׁיבֶרְךָ *when thou ceasest spoiling* Isa. 33 : 1, הִפְּךָ לָבָן *has turned white* Lev. 13 : 3; so *to be called, to be esteemed, etc.*

b. Simple existence or non-existence is predicated by means of the particles וְ and אֵין, the latter of which retains its absolute form when following the noun, but takes the construct form אֵין when it precedes the noun either immediately or separated from it by intervening words. וְשֵׁשׁ אֶלֶף *there is a kinsman* Ruth 3 : 12, אֵין אָדָם *there was not a man* Gen. 2 : 5, אֵין מֶלֶךְ *there was no king in Israel* Judg. 21 : 25. These particles may also be used as copulas with the personal pronouns, when the predicate is a participle, אַתָּה לֹא תִשָּׁרֵץ *thou art not letting go* Ex. 8 : 17, אַתָּה מוֹשִׁיעַ *thou art saving* Judg. 6 : 36.

§ 259. 1. A noun in the predicate may receive the same adjuncts as in the subject, § 244.

2. Adjectives and demonstrative pronouns in the predicate agree with the nouns to which they relate in gender and number, but differ from qualifying adjectives and demonstratives, § 249, in standing before the noun and in not receiving the article, though the noun be definite, טוֹב הַדְּבָר *the word is good* Deut. 1 : 14, רַבִּים רַחֲמָיו *his mercies are great* 1 Chron. 21 : 13, אֵלֶּה הַדּוֹלָרוֹת הַשָּׁמַיִם *these are the generations of the heavens* Gen. 2 : 4.

a. A predicate adjective may also, though less frequently, stand after the noun, הַזַּמְנָה הַיְּשָׁרָה *the damsel was fair* 1 Kin. 1:4, וְיִגְדֹל הָאָרֶץ הַהִוא *and the gold of that land is good* Gen. 2:12.

b. If the sense require the predicate to be made definite, it will receive the article, פִּי הַדֹּבֵר *my mouth is the (one) speaking* Gen. 45:12.

COMPARISON OF ADJECTIVES.

§ 260. 1. Adjectives have no distinct form for the comparative or superlative. Comparison is expressed by means of the preposition מִן *from* placed after the adjective, טוֹבָה מִן הַרְבֵּי חֲכָמָה *wisdom is better than rubies* prop. is good from rubies, differs from them and by implication is superior to them in point of goodness, Prov. 8:11; אַתָּה מְצֻדָּה מִי *thou art more righteous than I*, 1 Sam. 24:17.

2. The superlative degree may be expressed

(1.) By adding כָּל *all* to the comparative particle מִן, מְגֹדֹל מִכָּל־בְּנֵי־קְדָרָם *great from all the sons of the east* i. e. *the greatest of all*, etc., Job 1:3.

(2.) By an emphatic use of the positive, so as to imply the possession of the attribute in an eminent degree, קָטָן בְּיָדָיו *the least of his sons* prop. *the little (one)* 2 Chron. 21:17, הַיְּשָׁרָה בְּאִשִּׁים *O fairest among women* Cant. 1:8, הַקָּטָן *the least*, הַמְּגֹדֹל *the greatest* 1 Chron. 12:14, טוֹבָה *the best of them* Mic. 7:4.

a. When the predicate is a verb instead of an adjective, comparison may be expressed in the same manner. אֶגְדֹּל מִךָ *I will be greater than thou* prop. *great from thee* Gen. 41:40, הַיְּחָפֵם מִכָּל־הָאָדָם *and he was the wisest of all men* 1 Kin. 5:11. In a few passages, chiefly occurring in the book of Ecclesiastes, comparison is made by means of the adverb יוֹדֵר *more*. הָיִיתִי יוֹדֵר מִי *I was then more wise* Eccl. 2:15.

b. The construction with מִן may also be used to denote excess, מְגֹדָה מִן־יָדָי *my iniquity is too great to be forgiven* prop. *greater than* (it is possible) *to forgive* Gen. 4:13. מְעַט מִךָ *too little for thee* Job 15:11.

c. A comparative sense is commonly ascribed to מִן in the following passages, in which an adjective, suggested by the context, must be supplied, הַיְּשָׁרָה מִן־הַחֲבִיטָה *the upright (is sharper) than a thorn-hedge* Mic. 7:4, מֵאֲדָם *less than nothing* Isa. 40:17, 41:24, Ps. 62:10, Isa. 10:10, Job 11:17; in some of these cases, however, מִן may have the sense of *from* or *of*, and denote that from which any thing is derived or of which it forms a part.

V E R B S .

§ 261. 1. The doctrine of the Hebrew tenses rests upon a conception of time radically different from that which prevails in our own and in other Indo-European languages. Time is conceived of, not as distributed into three portions, viz. : past, present, and future, but as consisting of the past and future only. The present is, in this view, an inappreciable moment, without extension or cognizable existence, the mere point of contact between two boundless periods of duration, or the instant of transition from one to the other, and, as such, not entitled to be represented by a distinct verbal form. Every action or state of being is accordingly viewed as belonging to the past or to the future; and such as do not belong exclusively to one, may be referred indifferently to either.

2. Within these two grand divisions of time no account is made of those minuter distinctions, in the expression of which we are accustomed to employ such a variety of tenses, nor of those modal differences which are with us indicated by the indicative, subjunctive, and potential, except to that limited extent to which these may be regarded as covered by the paragogic and apocopated futures, § 264. Whatever is, or is conceived of as past, must be put in the preterite; the future is used for all that is, or is conceived of as future, while all subordinate modifications or shades of meaning are either suggested by accompanying particles, or, without being precisely indicated, are left to be inferred from the connection.

THE PRIMARY TENSES.

§ 262. The preterite is accordingly used of

1. The past, whether our idiom would require the abso-

late past tense, i. e. the historical imperfect, in the beginning God בָּרָא created, etc., Gen. 1:1, God נִסָּה tempted Abraham Gen. 22:1; or one of the relative tenses, viz. the past viewed in relation to the present, i. e. the perfect, what is this that קָשִׁיתָ thou hast done Gen. 3:13, thee רָאִיתִי have I seen righteous Gen. 7:1; the past in relation to another past, i. e. the pluperfect, God ended his work which עָשָׂה he had made Gen. 2:2; and they did so as the Lord צִוָּה had commanded Ex. 7:10; or the past in relation to a future, i. e. the future perfect, when the Lord רָוַח shall have washed away, etc., Isa. 4:4, until the time that she which travaileth תֵּלָד shall have brought forth Mic. 5:2; or a conditional mood, except the Lord of hosts had left unto us a very small remnant הָיִינוּ we should have been as Sodom Isa. 1:9, I would there were a sword in mine hand, for now הָרַגְתִּיךָ I would have killed thee Num. 22:29; or an optative, denoting something which was to have been desired but which nevertheless did not occur, לֹא מָוִתָנוּ O that we had died Num. 14:2, לֹא הָכֵמוּ O that they had been wise that they (fut.) would consider this Deut. 32:29, or a subjunctive (the Jordan was dried up), that יִרְאוּם ye might fear the Lord, at that time and thenceforward forever Josh. 4:24.

a. In all these cases the verbal form merely expresses in the general that the action belongs to the past, but whether this is to be taken absolutely, relatively, or conditionally, must be learned from the circumstances of the case or from accompanying words. The proper English imperfect is expressed in Hebrew not by the preterite but by the participle, יָשָׁב and he (was) sitting Gen. 18:1, § 266. 3.

b. In promises, contracts, etc., the preterite is sometimes employed, where we might have expected the future, because the inward act or purpose is intended rather than its outward execution, unto thy seed נָתַתִּי I have given this land Gen. 15:18. the grant was made though they were not yet put in possession; accordingly, when the latter idea is prominent, the future is used of the same transaction, unto thy seed אֶתֶּן I will give this land Gen. 12:7, 26:3. Comp. Gen. 4:14, 23:11, 13.

2. The present, regarded as the continuation or natural sequence of a pre-existing action or condition. Anything

begun in the past and continued in the present may be considered to belong to the past and accordingly spoken of in the preterite, *give me a little water for צָמֵיתִי I am thirsty* Judg. 4 : 19 prop. I have been thirsty and (it is implied) I am so still ; *the earth מְלֵאָה is full of violence* prop. *has been and still is full* Gen. 6 : 13 ; *now יָדַעְתִּי I know that Jehovah is the greatest of all the gods* Ex. 18 : 11, prop. *I have known*, the knowledge being in fact contemporaneous with the information upon which it was based. Comp. in Latin *novi, memini, odi*.

a. It is comparatively a matter of indifference whether the preterite or the future be used to designate the present. That which now exists may either be regarded as continued from the past or as perpetuated in the future ; and as it is contemplated under one or the other of these aspects, will the tense be determined accordingly. Thus, the question *whence come ye* is in Gen. 42 : 7 מֵאֵיָן בָּאתֶם *whence have ye come*, but in Josh. 9 : 8 מֵאֵיָן תָּבֹאוּ *whence are ye coming or will ye come* ; because, in the former instance, the past action of coming is uppermost in the mind of the speaker, and in the latter this action is regarded as having not yet ceased.

3. Permanent facts or general truths ; these, though true for all time, are gathered from experience and observation, and hence may be appropriately referred to the past, *an ox יָדַע knoweth his owner* Isa. 1 : 3, oxen always have done so and it is implied that they always will ; *the Lord רָחַם pitieth them that fear him* Ps. 103 : 13.

a. The future is used in this case with the same frequency and propriety as the preterite. *An ox will know his owner* expresses the same general truth as *an ox has known his owner* ; only in the former case attention is chiefly drawn to its future, and in the latter to its past realizations, § 263. 3.

4. The future, when viewed as past ; the prophets, in their inspired descriptions of events which had not yet come to pass, often transport themselves to the time when they shall have been accomplished : and, surveying the future from this ideal point of view, they give to their predictions the form of a recital of what has already taken place, *Babylon*

נִפְלְאָה *has fallen* Isa. 21 : 9, *he* נָשָׂא *hath borne our griefs* Isa. 53 : 4, *for* I הִשְׁפַּתִּי *have made Esau bare* Jer. 49 : 10.

a. The counterpart of this prophetic preterite is the use of the future in vivid descriptions of the past, in which the writer appears, in imagination, to live over again what has already taken place, § 263. 5.

§ 263. The future is used in speaking of

1. The future, whether absolutely, אֶעֱשֶׂה *I will make of thee a great nation* Gen. 12 : 2, or relatively to something in the past, *he took his eldest son who* רָמַלְךָ *was to reign* 2 Kin. 3 : 27, *Elisha was fallen sick of his sickness whereof* רָמִיתָ *he was to die* 2 Kin. 13 : 14; or conditionally, (would that I had died) *for I would have lain down* (pret.) *and* אֶשְׁקוט *would be at rest* Job 3 : 13; *but* (if it were my case) *I* אֶדְרֹשׁ *would seek unto God* Job 5 : 8; or optatively in the various grades of desire, determination, permission, or command, *so* יִאבְדוּ *may all thine enemies perish* Judg. 5 : 31; *O that my grief* יִשָּׁקַל *might be weighed* Job 6 : 2; *all that thou commandedst us* נַעֲשֶׂה *we will do* Josh. 1 : 16; *deeds that* יִעָשׂוּ *ought not to be done* Gen. 20 : 9; *of the fruit of the trees of the garden* נֹאכְלֵי *we may eat* Gen. 3 : 2, *ye shall not eat* ver. 3, *mine ordinances* תִּשְׁמְרוּ *ye shall keep* Lev. 18 : 4; or subjunctively, especially after conjunctions signifying *that, in order that, lest, etc.*, (bring the venison) לְמַעַן תִּבְרַכְךָ *in order that my soul may bless thee* Gen. 27 : 25, *against thee have I sinned that* תִּצְדַּק *thou mightest be justified* Ps. 51 : 6.

a. When employed in requests, the future is frequently accompanied by the particle נָא, thus, רַב־נָא *let thy servant speak, I pray thee* Gen. 44 : 18, רַב־נָא *let the wickedness of the wicked cease, I pray* Ps. 7 : 10.

b. The future is idiomatically used with בְּיָמֶיךָ and בְּיָמַי *not yet, before*, whether the period referred to is past or future, the time denoted by the particle being antecedent to the action of the verb. Thus, referring to the past, *I ate of all* בְּיָמֶיךָ *before thou camest* Gen. 27 : 33, *the lamp of God* בְּיָמֶיךָ *had not yet gone out* 1 Sam. 3 : 4; to the future, *that my soul may bless thee* בְּיָמַי *before I die* Gen. 27 : 4, יִתְרָאֵי *before they call. I will answer* Isa. 65 : 24. There are three examples of the use of the preterite with these particles, the reference being to past time, 1 Sam. 3 : 7, Ps. 90 : 2, Prov. 8 : 25.

2. The present, when it is conceived of as extending into the future, *comfort my people יאמר יי אלהיך saith your God* Isa. 40 : 1, the divine utterance though begun is not yet finished; *הלא תדעו do ye not know?* ver. 21, are you ignorant, and is this ignorance to continue? *why תבכי weepest thou?* 1 Sam. 1 : 8.

3. General truths or permanent facts, when the attention is directed to their validity for all time to come, *righteousness תרום exalteth a nation* Prov. 14 : 34, it does so now and always will; *a son יבדד honoureth his father* Mal. 1 : 6.

4. Constant or habitual acts or states viewed as continuing for an indefinite period from the time spoken of, even though they may have ceased at the time of speaking, and so belong entirely to the past, *a mist תעלה used to go up from the earth* Gen. 2 : 6, i. e. not only at the moment of time previously referred to but from that onward; *thus Job תנשח did continually* Job 1 : 5; *the daughters of Israel תלכנה were in the habit of going from time to time* Judg. 11 : 40; so Gen. 29 : 2, Ex. 13 : 22, Num. 11 : 5, 1 Sam. 2 : 19.

5. The past, when the speaker or writer assumes an ideal point of vision prior to its occurrence, and so regards it as future. Thus, a historian in animated description, as we might use the present, *אז תשיר-משח then sings Moses* Ex. 15 : 1, *Balak תבחי brings me from Aram* Num. 23 : 7; or a poet, who lives in the midst of that of which he sings, *יאמר ביום אנולד בך let the day perish on which I am to be born* Job 3 : 3, where the speaker, by a bold figure, places himself before his birth, and prays that the day which was to give him existence might be annihilated, so that he might be saved from the misery of living; *why may I not die from the womb? לא מרחם אמותי* ver. 11, where his position is shifted to the time immediately after his birth; *he יודיע דרכיו למשה he makes known his ways unto Moses* Ps. 103 : 7.

a. The intermingling of different tenses in relation to the same subject, which is so frequent in poetry, foreign as it may be to our modes of

thought, does not justify the conclusion that they are used promiscuously or without regard to their distinctive signification. Thus the preterite and the future are frequently combined in order to give greater emphasis and compass to the statement made, by asserting it at once of both the grand divisions of time, *the wicked who שׂהיני have wasted me, my deadly enemies יקרישי will surround me* Ps. 17:9. *fire אֶפְקֵה devoured before them, and after them a flame תִּלְהַט shall consume* Joel 2:3. Or the writer may place himself in the midst of an event, and regard part as having already taken place and part as yet to be performed; thus, in Ex. 15:14, 15, *the nations שׂמְעוּ have heard רָדוּ they will be afraid; pangs אָחִז have seized upon the inhabitants of Philistia; then the dukes of Edom נִבְהָלוּ were troubled, the mighty men of Moab תִּרְדּוּ shall seize them, all the inhabitants of Canaan נִמְגְגוּ have melted.* Or a verb may be put in the future to show that the action which it denotes, though in reality past, is subsequent to, or a consequence of, a preceding preterite, *they were both naked וְהָיָה בְּעֵטְוֵם and were not ashamed* Gen. 2:25, Deut. 2:12.

§ 264. The apocopated and paragogic forms of the future are mostly used in their respective persons, § 97, to express its optative, conditional, or subjunctive senses, § 263. 1. The negative imperative is made by prefixing אַל *not* to the apocopated future, *אַל-יִתְּרָעֵי harm not* Ps. 105:15; *לֹא תִהְיֶינָה* would mean *you shall not harm.*

a. These modified forms of the future, although they give a more distinct expression to the modal senses just indicated, are not essential to that end, since the same shades of meaning may be and often are suggested by the simple future. Instances are more rare, and only found in poetry, in which the apocopated or paragogic forms are used, when simple futurity is intended, Job 13:27, 24:25.

THE SECONDARY TENSES.

§ 265. The secondary tenses agree in signification with their respective primaries. The future with Vav conversive, forming a secondary preterite, § 99. 1, has the same variety of senses with the primary or proper preterite, and is in fact a simple substitute for it. In like manner, the secondary future or the preterite with Vav conversive, § 100. 1, is a substitute for the primary future. A narrative or a paragraph, which begins with one of the primary tenses, is mostly continued by means of the corresponding secondary

tense, provided the verb stands at the beginning of its clause, so that it can be attached to the conjunction, which is an essential part of the secondary-formation. If, for any reason, this order of the words is interrupted or prevented, the primary tense must again be used. Thus, Gen. 22 : 1, *God* נִסָּה *tempted Abraham* וַיֹּאמֶר *and said* . . . וַיֹּאמֶר *and he said* . . . ver. 3, וַיִּשָּׁכֶם *and he rose up early* . . . וַיַּחְבֹּשׁ *and saddled* . . . וַיִּקַּח *and took* . . . וַיִּבְרַקֶּע *and clave* . . . וַיִּקָּם *and rose up* וַיֵּלֶךְ *and went unto the place* אֲשֶׁר-אָמַר-לִי *of which God had told him*. Gen. 17 : 5, *thy name* לֹא-יִקְרָא *shall not be called Abram* וְהָיָה *and it shall be* . . . ver. 6, וְהִפְרֵיתִי *and I will make thee fruitful* . . . וַיַּתְחִיךָ *and I will make nations of thee* וּמְלָכִים *and kings shall come out of thee*.

a. The future with Vav conversive describes an act subsequent to or contemporary with the time denoted by the words with which it is connected. It can, therefore, only relate to the past when it is preceded by a preterite with a past signification, or by some other word or phrase which refers to past time, *in the year of king Uzziah's death* וָאֶרְאָה *(and) I saw* Isa. 6 : 1. But if it be preceded by a future tense, it has a future signification, *he shall deride every stronghold* וְהִטְחָק *and shall heap up earth* וַיַּצְבֵּר *and take it* וַיִּלְכְּדֶהָ *who shall do evil* . . . וְהָיָה *and shall go and serve other gods* Deut. 17 : 2, 3; unless a pause intervenes in which a preterite is to be supplied, as in Hab. 2 : 1, 2, *I will watch to see what he will say to me* . . . וְהִנֵּנִי *and (after I had thus watched) the Lord answered me*. The future with Vav conversive occurs in a preterite sense at the beginning of certain books, because they were regarded by their authors as supplements or continuations of preceding histories. וַיְהִי *And it came to pass* Josh. 1 : 1, Judg. 1 : 1, 1 Sam. 1 : 1, etc., etc.

b. The preterite with Vav has a future signification only after a future tense or an expression suggestive of futurity, e. g. *in thy distress* וּמִצָּרָיִךָ *when there shall come upon thee all these things* Deut. 4 : 30; or as the initial word of a prophecy, which is regarded as linked with other disclosures of the future previously made, וְהָיָה *and it shall come to pass* Isa. 2 : 2. After an imperative it commonly has an imperative sense, this being one of the significations of the future, § 263. 1. *go unto Pharaoh* וְאָמַרְתָּ *and say to him prop. and thou shalt say* Ex. 7 : 26. When a preterite precedes, the Vav is not conversive, *thy servant was keeping his father's sheep* וַיָּבֵא *and there came* . . . וַיִּקַּח *and took* . . . וַיֵּצֵא *and I went out* . . . וַיַּחַבְדֵּנִי *and smote him*. etc., 1 Sam. 17 : 34, 35, unless it involves a reference to what is to take place hereafter, *I have blessed him* (the blessing is of course prospective), וְהִפְרֵיתִי *and I will make him fruitful*, וְהִרְבֵּיתִי *and I will multiply him* Gen. 17 : 20.

PARTICIPLES.

§ 266. The participles being properly verbal nouns, do not in strictness involve any definite notion of time, and the connection must decide whether they are to be referred to the past, present, or future, thus נָפַל means *falling* Num. 24 : 4, *fallen* Judg. 4 : 22, or *about to fall* Jer. 37 : 14. Their principal uses are the following, viz. :

1. They express what is permanent or habitual, § 186. 2. *a*, (the Lord) אֲהַבֵּב *loveth righteousness and justice* Ps. 33 : 5, *a generation* הִלְךָ *goeth, and a generation* בָּא *cometh, and the earth* עֲמִידָה *abideth for ever* Ecces. 1 : 4. Passive participles so used suggest not only a constant experience of what is denoted by the verb, but in addition a permanent quality as the ground of it, נִירָא not only *feared* but *worthy to be feared*, מְהֻלָּל *worthy to be praised*, הֶמְדָּר *desirable*.

2. When a particular time is intended the active participles most commonly relate to the present or to the proximate future, and passive participles to the past, מַה-אַתָּה רֹאֶה *what seest thou?* Jer. 1 : 11, הִנְיִי מְבִיא *behold, I am about to bring the flood* Gen. 6 : 17, נָתַן *giving* נָתַן *given*, מְשִׁיב *restoring* מְרֻשָּׁב *restored*.

a. The active participles of neuter verbs, which have no passive forms, are used in both a past and a present sense, יָח *dying and dead*, נָפַל *falling and fallen*; this is less frequently the case with active verbs, *who then is he* הַצֹּדֵד-צֹדֵד *that hath hunted venison* Gen. 27 : 33; *these are the gods* הַמִּצְרִיִּים *that smote Egypt* 1 Sam. 4 : 8. Participles of passive form but active sense are ordinarily used of the present or proximate future, נִלְחָם *fighting*.

3. In narrations and predictions the time of the participles is reckoned not from the moment of speaking but from the period spoken of, *the two angels came* . . . וְלוֹט יָשָׁב *and Lot (was) sitting in the gate of Sodom* Gen. 19 : 1; *he spake to his sons-in-law* בְּנֵי-חָתָן *who (were) to marry his daughters* ver. 14; *he came to Shiloh* . . . וּמִיָּדוֹ קָרְעִים *with his clothes*

rent 1 Sam. 4 : 12 ; *thou shalt meet a company of prophets coming down* יִרְדּוּם 1 Sam. 10 : 5 ; *they shall declare his righteousness unto a people* נִיָּלַד (who shall then be) born Ps. 22 : 32, 102 : 19, Judg. 13 : 8.

a. The period to which a participle is to be referred is sometimes determined by connecting with it the past or future tense of the substantive verb, *Moses* הָיָה רֹעֵה הֶרְחַל *was keeping the flock of Jethro* Ex. 3 : 1, *his throne shall be established for ever* 1 Chron. 17 : 4.

INFINITIVE.

§ 267. The infinitive is an abstract verbal noun, and, like the participles, partakes of the character both of a noun and a verb. As a noun it may be the subject of a proposition, § 242, or it may be governed by a verb, noun, or preposition ; it may also be put in the construct state before a noun denoting either its subject or its object.

a. The Infinitive as a subject: אָלֶּה וּבָחַשׁ וּרְצַחַ וְנָגַב וְנָאָה (there is) *cursing and lying and killing and stealing and committing adultery* Hos. 4 : 2, *to do justice* (is) *a joy to the righteous* Prov. 21 : 15.

b. The construct infinitive is used after verbs, nouns, and prepositions, and when governed by a verb or noun it is usually though not invariably preceded as in English by the preposition לְ *to*, אֶיֶבֶל קָהָתָם בּוֹ I *shall be able to fight with him* Num. 22 : 11, יָמִית לְלֵוֹת וְיָתָ לְמִוִּת *a time to be born and a time to die* Eccl. 3 : 2 ; לְ is seldom omitted in prose but often in poetry, *I know not (how)* וְיָאֵר וְיָאֵר *to go out and to come in* 1 Kin. 3 : 7, מֵאַתָּה הִפְלֵים *thou hast refused to be ashamed* Jer. 3 : 3, יָמִית רָקִיד יָמִית סָפֹד יָמִית *a time to mourn and a time to dance* Eccles. 3 : 4, עָרִיר עֲהִירִים *ready to rouse leviathan* Job 3 : 8. Various prepositions may precede the infinitive, as לְ *to*, בְּ *in*, כְּ *like*, אֶת *at*, מִן *from*, עַד *until*, עַל *upon*, לְמַעַן *in order to*, בְּגַלְלָהּ *because of*, לְפָנָיו *before*, etc.

c. The absolute infinitive is rarely governed by a verb, לִמְדוּ הַיָּטֵב *learn to do well*. אֲשֶׁרֹו הַמִּוִּץ *redress wrong* Isa. 1 : 17. *until he knows* מֵאַוֶּס *to refuse the evil*. וּבָחֹוֹר *and to choose the good*, 7 : 15. וְלֹא־אָבֹו בְּדַרְכָיו *and they would not walk in his ways*, 42 : 24, *thou wilt make us off-scouring* וּבִמְאוֶס *and refuse* Lam. 3 : 45.

d. The infinitive in the construct before its subject. בְּהִבְרָאָם *in their being created* i. e. *when they were created* ; *in the day* יְשׁוּרָה אֱלֹהִים *making earth and heaven* Gen. 2 : 4 ; *there was no water* מִשְׁתֵּי הָעָם *for the drinking of the people* Ex. 17 : 1 ; וְיִשְׁבְּתִי *and my dwelling*

(shall be) i. e. *I shall dwell* Ps. 23:6. Before its object, שָׂאָר פְּנֵי-רָשָׁע the accepting of the person of the wicked Prov. 18:5, הִתְחַבְּתָהּ to yield its strength Gen. 4:12.

§ 268. The absolute infinitive, expressing as it does the abstract idea of the verb irrespective of tense, number, or person, may be used instead of any of the finite forms of the verb, when the sense is duly qualified by the context. Thus, it may take the place of

1. The preterite or the future, when one of those tenses immediately precedes, נִתְקַעְוּ and they blew the trumpets וְנִפְצְוּ and brake the pitchers prop. (there was) a breaking of the pitchers Judg. 7:19; all this רְאִיתִי וְאֶתֵּנָהּ I have seen and applied my heart Eccl. 8:9; they shall buy fields for money וְקָנוּ and write the papers וְהִתְּוּ and seal (them) וְהִגִּיר and take witnesses Jer. 32:44.

a. This rarely occurs when no verb precedes in the same sentence, הָרַב עִבְדֵי-יְהוָה (shall) the fault-finder contend with the Almighty Job 40:2. הַחַיּוֹת רָצְיָא וְשָׁבוּ the living creatures ran and returned Ezek. 1:14, שִׁבַּחְתִּי I praised Eccl. 4:2.

2. The imperative, when it stands at the beginning of a sentence, זָכוֹר remember the sabbath-day prop. (let there be) a remembering Ex. 20:8, וָהֵלֶךְ וָדַבָּר go and say 2 Sam. 24:12.

§ 269. The dependence of one verb upon another is most distinctly expressed by putting the second verb in the infinitive. The second verb may, however, be in form coordinated with the first by being put in the same or an equivalent tense with or without a copulative, the true relation between the verbs being left to be inferred from their obvious signification, הָיָא וְהִלֵּךְ he was willing, walked i. e. he was willing to walk or walked willingly Hos. 5:11, לֹא אֶסְפֶּה עוֹד אֲרַחֵם I will no more add to pity i. e. will not again pity Hos. 1:6, הֵלֶכֶת מִשְׁעָרִים הֵלֶכֶת being early to go or going early Hos. 6:4, הֵלֶכֶת וְרָאִיתִי shall I endure and see i. e. endure to see Esth. 8:6.

Gen. 37:23; or it may stand before a part of them only. Deut. 12:6, or it may be omitted altogether, Deut. 11:14. In a very few instances the article is dropped after **הַ**, which of itself indicates the definiteness of the noun, *he reared up for himself* **הַיָּצִיבָהּ** *the pillar* 2 Sam. 18:18; and *carver strengthened* **הַגִּידָהּ** *gilder* Isa. 41:7, where the omission of the article is poetic, §247.

c. Pronouns with **הַ**: **הַזֶּה** *this ye shall eat* Lev. 11:9; *put this (fellow) in the prison* 1 Kin. 22:27; **אֵת אֲשֶׁר־** *whom they have cast into the prison* Jer. 38:9; *he knew* **הַיָּשָׁר־בְּשֵׁהוּ אֵת** *what his youngest son had done to him* Gen. 9:24; **מִי אֶת־יָדֶיךָ** *whom hast thou reproached?* Isa. 37:23; it does not occur before the neuter **מִי**. It is also extended sometimes to the following words, which partake to a certain degree of the pronominal character. **כָּל** *all, every*, Gen. 1:29, **אִישׁ** *any one, each* Ex. 21:28, **אֶחָד** *one* 1 Sam. 9:3. With personal pronouns, **וַיְבָרֶכֶה אֹתָהֶם** Gen. 32:1, or **וַיְבָרֶכֶם** Gen. 48:20 *and he blessed them*.

§ 271. Many verbs, which are not properly transitive, are nevertheless capable of a transitive construction; thus

1. Verbs signifying plenty or want: **הַבַּיִת מֵלֵא הָאֲנָשִׁים** *the house was full (of) men* Judg. 16:27, **שָׂבַעְתִּי עֲלֹת אֵילִים** *I am sated (with) burnt-offerings of rams* Isa. 1:11, **לֹא הָסְרָנוּ לָנוּ** *we lacked every thing* Jer. 44:18. Here belongs that peculiar Hebrew idiom, which expresses abundance by such phrases as the following: *the hills* **הַקָּב תִּלְכְּנָה** *shall run (with) milk* Joel 4:18, *mine eye* **יִרְדָּה מַיִם** *runneth down (with) water* Lam. 1:16; **עָלָה כָּל־דְּמוֹתֶיךָ** *it had all come up (with) thorns* i. e. was overgrown with them, Prov. 24:31.

2. Verbs signifying motion may have for their object the place which it immediately concerns, whether it be directed upon it, to it, or from it, **וַיֵּלְכֶה אֶת כָּל־הַמִּדְבָּר** *and we went (through) all the wilderness* Deut. 1:19, and figuratively, **וַיָּבֹאוּ הָעָרִי** *walking (in) righteousness* Isa. 33:15, **וַיֵּצְאוּ אֶת־הָעָרִי** *and they came into the city* Josh. 8:19, **וַיֵּצְאוּ אֶת־הָעָרִי** *they went out (of) the city* Gen. 44:4.

3. Intransitive verbs may, as in other languages, govern their cognate noun, **הִלְדַּמְתִּי חֲלֹמִים** *I have dreamed a dream* Gen. 37:9; **וַיִּסְפְּדוּ שָׁם מִסְפָּד** *and they lamented there a lamentation* Gen. 50:10; **יְהִי כֵּן** *ye will be vain a vanity* i. e. *utterly vain* Job 27:12; or even one from a different root if

it be related or analogous in signification, *הָמָה גְדוּלָה קָנֵאתִי* *I have been zealous a great fury* Zech. 8 : 2, *אִישָׁן הַמָּוֶת* *I shall sleep death* i. e. the sleep of death, Ps. 13 : 4.

4. Any verb may take as its object a noun which defines the extent of its application, *הָלָה אֶת־רַגְלָיו* *he was diseased in his feet* 1 Kin. 15 : 23 ; *תְּהִי הַכִּסֵּא אֲנִי־לְךָ* *in the throne will I be greater than thou* Gen. 44 : 40 ; *יָפְרוּ כַּדָּרֶךְ* *ye perish as to the way* i. e. *lose the way* Ps. 2 : 12.

a. By an impersonal construction of passive verbs their subject is sometimes converted into the object, which in fact it logically is, *תִּתֵּן אֶת־הָאָרֶץ* *dandum est terram, let the land be given* Num. 32 : 5, *נִגְיָה לְרֵבְקָה אֶת־דְּבָרֵי* *and it was told to Rebekah (i. e. some one told her) the words of Esau* Gen. 27 : 42, so Gen. 17 : 5, Ex. 10 : 8, Lev. 10 : 18, 2 Sam. 21 : 11, etc. This construction is sometimes extended to neuter verbs in familiar phrases, which have become associated with an active idea, *אַל תֵּרַע בְּעֵינַי אֶת־הַדָּבָר* *let not be evil in thine eyes (i. e. do not regard as evil) the thing* 2 Sam. 11 : 25, 1 Sam. 20 : 13, Josh. 22 : 17, Neh. 9 : 32. In 2 Kin. 18 : 30 *תִּתֵּן אֶת־הָעִיר* *the city shall be given*, the verb agrees with *עִיר* notwithstanding its reception of the sign of the object: *אֵת* is omitted in the parallel passage, Isa. 36 : 15.

b. A noun, about which a statement is to be made, sometimes stands absolutely and is preceded by the sign of the object, *נָפַל אֶת־הַחֲבֵרֹן* *as for the iron, it fell* 2 Kin. 6 : 5 ; *כָּל־אֲנָשֵׁי חַיִּל אֶת־כָּל־אֵלֶּה* *as for all these (they were) men of valour* Judg. 20 : 44 ; *אֶת־חֻקֵּיהֶם* *as for my statutes they did not walk in them* Ezek. 20 : 16. Some regard *אֵת* as the sign of the object in such passages as *כָּאֵת־הָאֵרֶץ* 1 Sam. 17 : 34, and refer to the fact that the Arabic conjunction is followed by the accusative when it is used in the sense of *together with* ; more probably, however, *אֵת* is the preposition *with*, § 238. 2, and the passage is to be rendered *the lion came and (that too) with the bear*, so Num. 3 : 26, 1 Sam. 26 : 16, 1 Kin. 11 : 25, etc.

§ 272. 1. When a noun or pronoun is regarded as the indirect object of a verb, the relation is indicated by means of the appropriate preposition.

2. Many verbs vary their construction without any material difference of meaning according to the form of the conception in the mind of the speaker or writer, being followed by one preposition or by another or by none at all, as he views the relation as direct or indirect, and if the latter, under one aspect or another : thus, *they went out from the city* may be expressed by the direct relation, *יָצְאוּ אֶת־הָעִיר* Gen. 44 : 4,

or by the indirect, *יָצְאוּ מִן־הַעִיר* Josh. 8 : 22 ; *לִקְרָח* *to fight* is followed by *עִם* *with* Josh. 10 : 29, by *בְּ* *in* (*בְּהָ* *in eam*) ver. 31, by *עַל* *against* ver. 38, by *אֶת* Judg. 12 : 4.

a. A number of verbs are indifferently construed with a direct object or with *ל* *to. in reference to*, thus, *לְאַהֵב* *to love* any one and *to have love* to any one, *לְרַפֵּא* *to cure* and *to perform a cure* for any one, *לְהוֹשִׁיעַ* *to save* and *to grant salvation* to any one, *לְהַחֲרִיב* *to destroy* and *to bring destruction* to any one.

b. As the object of an action may, in certain cases, be regarded as the instrument with which it is performed, some transitive verbs also admit a construction with *בְּ* *with*, thus *הִקְלִיף שׁוֹפָר* *blow the trumpet* Hos. 5 : 8, *וַיִּחַקֵּץ בְּשׁוֹפָר* *and he blew with the trumpet* Judg. 3 : 27 ; *פָּרַשׁ הַיָּדַיִם* *to spread forth the hands* Ps. 143 : 6, but followed by *בְּ* *to spread forth with the hands* Lam. 1 : 17.

3. By a condensed style of expression (*constructio prae-gnans*) prepositions are sometimes connected with verbs, to whose meaning they are not strictly conformed ; thus, motion may be suggested by the preposition though the verb of itself implies no such idea, *לְאַרְצָךְ הַפְּלַלְתָּ* *thou hast profaned to the ground* i. e. profaned by casting to the ground, Ps. 89 : 40, *וַיִּתְרַעַב אֶל־אֶחָיו* *they trembled one unto another* i. e. one turned tremblingly to another, Jer. 36 : 16, *מִקְרָנֵי הַיְּבוֹטִים עֲנִיתָנִי* *thou hast answered (by saving) me from the horns of the unicorns* Ps. 22 : 22.

§ 273. Some verbs have more than one object, viz. :

1. The causatives of transitive verbs : *וְהִאֲכַלְתִּי אֶת־מִזְבְּחֵיכֶם* *and I will make thy oppressors eat their own flesh* Isa. 49 : 26 ; *לֹא הִרְאֵנוּ אֶת־כָּל־אַלְמָנָה* *he would not have caused us to see all these things* Judg. 13 : 23 ; *וַיִּנְהַלֵּךְ אֶת־יִשְׂרָאֵל* *he shall cause Israel to inherit it* Deut. 1 : 38.

2. Verbs whose action may be regarded under different aspects as terminating upon different objects, or which, under the rules already given, may take a direct object of more than one kind, *כָּל־אֲשֶׁר צִוָּה אֱלֹהִים* *which God commanded him* Gen. 6 : 22 ; *לְהוֹרִית אֶת־בְּנֵי יִשְׂרָאֵל אֵת כָּל־הַחֻקִּים* *to teach the children of Israel all the statutes* Lev. 10 : 11 ; *הִפִּיחַ אֶת־כָּל־אֹיְבָיו* *thou hast smitten all my enemies on the cheek* Ps. 3 : 8 ;

שִׂאוּ יְדֵיכֶם לְקֹדֶשׁ *lift up your hands to the sanctuary* Ps. 134 : 2 ; וְהִמָּסוּ מִהִימָה *and he shall discomfit them a discomfiture* Deut. 7 : 23.

3. The instrument of an action, the material used in its performance, its design, or its result, is often regarded as its secondary or remote object, וַיִּרְגְּמוּ אֹתוֹ אֲבָנִים *and they overwhelmed him with stones* Lev. 24 : 23 ; וְהִנְחַתָּ אֹתָם אֲבָלֶט *and thou shalt gird them with a belt* Ex. 29 : 9 ; אֲשֶׁר-תִּזְרַע *with which thou shalt sow the ground* Isa. 30 : 23 ; וַיִּצְרַף אֶת-הָאָדָם עֹפָר *and he formed the man of dust* Gen. 2 : 7 ; וַיִּבְרָא *for which I have sent it* Isa. 55 : 11 ; וַיִּבְנֶה *and he built the stones into an altar* 1 Kin. 18 : 32.

a. The person affected by an action, of which he is not the immediate object, is occasionally regarded as its remote object, though not so frequently as in English, אָרַץ הָעָבֵד נְתַתִּי *thou hast given me the land of the south* Judg. 1 : 15, comp. in the same verse, וַנַּחֲתָה לִי *they did thee evil* Gen. 50 : 17, comp. גָּבְלוּ לָהֶם רָעָה *Isa. 3 : 9* ; וַיִּשְׁכְּרוּ אֶת-יְמֵיהֶם מִצַּבָּה *1 Sam. 10 : 6*. The same thing occurs in a few instances after intransitive verbs, גָּדַלְתִּי *he grew up to me as to a father* Job 31 : 18 ; צִמְמָתִי *did ye fast unto me* Zech. 7 : 5.

4. Some verbs may govern the subject and predicate of a subordinate clause, לָדַעַת לְרָשָׁע לְכֹסֶל *to know wickedness* (to be) *folly* Eccl. 7 : 25, the latter, if it be an adjective or participle, will remain without the article, § 259. 2, שָׁמַעְתִּי אֶפְרַיִם *I have heard Ephraim bemoaning himself* Jer. 31 : 18, רָאִיתִי אֶתְהֶם *thee have I seen righteous* Gen. 7 : 1.

5. If an active verb is capable of governing a double object, its passive may govern the more remote of them, וְיִמְלֹתֶם אֵת בָּשָׂר עֲרֻלְתְּכֶם *and ye shall be circumcised in the flesh of your foreskin* Gen. 17 : 11, וַתִּמְלֵא הָאָרֶץ אֹתָם *and the land was filled with them* Ex. 1 : 7, קָרוּעַ כְּתָנָיו *rent as to his coat* i. e. *with his coat rent* 2 Sam. 15 : 32, שְׁלִיחַ קָשָׁה *sent* (or charged) *with a painful message* 1 Kin. 14 : 6.

ADVERBIAL EXPRESSIONS.

§ 274. The predicate of a proposition may be further qualified

1. By adverbs, which commonly stand after the words to which they refer, *מֵאֹד* and *בהיה-טוב* and *behold* (it was) *very good* Gen. 1 : 31 ; *וַיִּקְעַס הַרְבֵּה* and *he was greatly provoked* Neh. 3 : 33 ; *אֲנִי מֵאֹד הַרְבֵּה שְׂכָרְךָ* *thy exceeding great reward* prop. *thy reward very much* Gen. 15 : 1.

a. Adjectives belonging to the subject may of course be qualified in the same manner as though they were found in the predicate.

2. By nouns used absolutely to express the relations of time, place, measure, number, or manner.

a. Thus, time when : *עֶרֶב וּבֹקֶר וַצְהָלִים* *evening and morning and noon* will I pray Ps. 55 : 18 ; *תַּרְיָה הַזֶּה* *to-night* Num. 22 : 8 ; *גִּדְעוֹן בָּרַח* *at the beginning of the watch*. Time how long : *וְהָאֵשׁ מְרִיחָה* *and he shall shut up the house* *שִׁבְעַת יָמִים* *seven days* Lev. 14 : 38 ; *הָאֲדָמָה שָׁמְרָה* *eighty years* Judg. 3 : 30.

b. The place where: the absolute use of nouns in this sense is confined almost entirely to the familiar words, *בַּחֹר* *at the door of* Gen. 18 : 1, Judg. 9 : 35, *בֵּית* *at the house of* Gen. 38 : 11, Num. 30 : 11, and a few proper names, *בֵּית לְחֵם* *at Bethlehem* 2 Sam. 2 : 32, *בֵּית-אֵל* *at Bethel* Hos. 12 : 4.

c. Measures of space : *שְׁלוֹשׁ אַמּוֹת גְּבוּהָ* *three cubits high* Ezek. 41 : 22 ; *הָיָה יוֹם הַדֶּרֶךְ* *a day's journey* 1 Kin. 19 : 4.

d. Number : *שֶׁבַע פְּעָמִים* *return seven times* 1 Kin. 18 : 43 ; *הֵעֲרִיף זְבָחִים כְּמִסְפַּר כָּלם* *according to the number of them all* Job 1 : 5.

e. Manner, answering to the Greek adverbial accusative : *תִּשְׁכַּח בְּטָח* *in security* Deut. 12 : 10 ; *לֹא תֵלֵךְ רוּחָה* *loftily* Mic. 2 : 3 ; *וַיֵּלְכוּ הַשִּׁבְטִים לְיִשְׂרָאֵל* *according to a law of Israel* Ps. 122 : 4 ; *לֹא תֵלֵךְ שָׁמָּה* *for fear of briars* Isa. 7 : 25 ; *לְעֹמֵר אֶחָד* *with one consent* prop. *shoulder* Zeph. 3 : 9.

3. By nouns preceded by a preposition forming a qualifying phrase.

a. For the meanings and usage of the several prepositions see the lexicon.

NEGLECT OF AGREEMENT.

§ 275. The general rule that verbs, adjectives, and pronouns agree in gender and number with the noun to which they respectively relate, is subject to some remarkable exceptions; the principal of which are the following, viz. :

1. When the predicate adjective or verb precedes the noun it often prefers a primary to a secondary form, that is to say, the masculine may be used instead of the feminine and the singular instead of the plural. The reason of this is that the attention is not so particularly drawn to the accidents of gender and number in the subject until it is uttered, and consequently the predicate is not required to conform so precisely to it.

a. Thus, the masculine for the feminine: *לֹא-נָשָׂא אֹהֶם הָאָרֶץ* *the land could not bear them* Gen. 13: 6, *רְחוֹק בְּרֵשָׁתָיִם יְשׁוּעָה* *salvation is far from the wicked* Ps. 119: 155, *לֹא-יִצְלַח יְצִיאתָן* *tremble ye careless women* Isa. 32: 11. The singular for the plural: *לֵבָא דְבְרֵיךָ* *let thy words come to pass* Judg. 13: 12, *בְּשָׂפְתֶיךָ* *upright are thy judgments* Ps. 119: 137, *אֲנֹשָׁה בְכוּרֶיהָ* *her wounds are incurable*, or the singular may be understood distributively, *each of her wounds is incurable* Mic. 1: 9. The masculine singular for the feminine plural: *לֹא רִסְגוּ בְלַמּוֹת* *reproaches cease not* Mic. 2: 6, *עַד-יִגְבְּרוּ* *until calamities be overpast* Ps. 57: 2, *וַיְהִי-לֵו נָשִׂים* *and there were to him wives* 1 Kin. 11: 3.

b. When the predicate consists of several verbs or adjectives, one of which precedes and the rest follow the noun, the latter must agree with it, while the first may be put in its primary form, *וְהָיָה לָאֵתֹת* *and let them be for signs* Gen. 1: 14, *וַיְהִי אֲנָשִׁים אֲטָר* *and there were men who were defiled* Num. 9: 6. In 1 Kin. 10: 12 two verbs are put in the masc. sing. with a plural subject.

c. The predicate, even when it follows the subject, occasionally departs from it in gender or number, retaining its primary form; this takes place with passive or neuter verbs of familiar occurrence, and which are probably used impersonally as the same verbs are elsewhere, § 271.4. a, *וַיֵּלֶד לְיִצְחָק אֲטָר* *whom (his wives) had born to him* prop. *there had been born to him* Gen. 35: 26, comp. Gen. 4: 18. 46: 22. 27, *בְּגִיבֹתַי הָיָה לִי* *there was to me (i. e. I had) house-born servants* Eccles. 2: 7, comp. Gen. 47: 24, Ex. 12: 49, 28: 7. Num. 9: 14, 15: 29. Deut. 18: 2. 1 Chron. 24: 23, 2 Chron. 17: 13, *הָיָה עֲלֵיהָ* *it was dark* prop. *darkness* Gen. 15: 17. The disposition to recur to their primary form discovers itself in a very few instances in qualifying adjectives when separated from the noun to which

they belong, רִיחַ גְּדוֹלָה וְחֹזֶק *a great and strong wind* 1 Kin. 19:11; in Ps. 63:2, בְּאַרְצֵי-צָרָה וְיָגוֹן, quoted by Nordheimer as an additional example the second adjective may agree not with אֲרָץ but with the preceding noun, בְּשָׂרִי *for thee longs my flesh, in a dry land, and weary.* Alex. *in loc.*

2. Collective nouns may have verbs, adjectives, and pronouns agreeing with them in the plural, וַיִּמְהָרוּ הָעָם וַיַּעֲבְרוּ *and the people hastened and passed over* Josh. 4:10, צֹאן אֲבֻדוֹת *lost sheep* Jer. 50:6, כָּל־הָעֵדָה קְדוֹשִׁים *all the congregation, all of them are holy* Num. 16:3.

a. When a predicate consists of more than one verb or adjective, the first sometimes agrees with it formally in the singular and the rest logically in the plural, וַיִּשָּׂא כָל-הָעֵדָה וַיִּתְנוּ אֶת-קוֹלָם *and all the congregation lifted up and uttered their voice* Num. 14:1; וַיִּשְׁמְעוּ הָעָם וַיִּשְׁמְעוּ *and the people believed and they heard* Ex. 4:31.

b. The noun אֲרָץ *land, earth*, which is properly a feminine singular, may, when it is put for its inhabitants, be construed with the masculine plural, 2 Sam. 15:23, Ps. 66:4. Names of nations borrowed from those of their progenitors, as Israel, Edom, Amalek, may be strictly construed in the masculine singular, Ex. 17:11, Am. 1:11, or as a collective in the masculine plural, Hos. 8:2, Ob. ver. 6, 2 Sam. 10:17, or again in the feminine singular, whether this arises from a prominent reference to the land or from the frequent personification of a people as a maiden, 2 Sam. 10:11, Jer. 13:19, 49:17; so עַם *people* in the following examples, הֲשֵׂאתָ עִמָּךְ *thy people has done wrong* Ex. 5:16, הָעָם יוֹשְׁבֵתָה *the people dwelling* Judg. 18:7. Different constructions may be united in the same passage, Jer. 48:15, Hos. 14:1.

3. Nouns, which are plural in form but singular in signification, commonly have verbs, adjectives, and pronouns agreeing with them in the singular, בָּרָא אֱלֹהִים *God created* Gen. 1:1, בְּעֹלָיו יוֹמֵת *its owner shall be put to death* Ex. 21:29, אֶדְלִים קָשָׁה *a hard master* Isa. 19:4, נְעוּרֵיכִי תִתְחַנֵּף *thy youth is renewed* Ps. 103:5.

a. When the word אֱלֹהִים refers to false deities, the sense is plural and it is construed accordingly, אֵלֶּה אֱלֹהֵיךָ *these are thy gods* Ex. 32:4, 8, כִּי-יַעֲשׂוּ אֱלֹהִים *so may the gods do* 1 Kin. 19:2; but where it refers to the true God, it is with few exceptions construed in the singular. Yet see Gen. 20:13, 35:7, Ex. 22:8, Josh. 24:19, 1 Sam. 17:26, 2 Sam. 7:23. The exceptional construction in these and similar passages may have arisen from the attention being directed to the Supreme Being in general, and to the fulness or variety of his manifestations without spe-

cific reference to the divine unity, and may, besides, involve an allusion to the personal distinction in the Godhead. See Alexander on Ps. 11 : 7 and 58 : 12.

4. Plural names of inanimate or irrational objects of either gender are occasionally joined with the feminine singular, *בַּחַמּוֹת שָׂדֵה תַעֲרוּג אֲלֵיָהּ* *the beasts of the field pant for thee* Joel 1 : 20, *תְּשַׁטְּף סְפִירֶיהָ* *its floods wash away* Job 14 : 19, *אֶחָזְתָה אֲחֻלָּים* *pangs have taken her* Jer. 49 : 24, *רַבְּצָה תַזִּים רַבְּצָה* *wild beasts, their lair* Isa. 35 : 7.

a. In objects devoid of personality the individual is of small account, and may be easily sunk in the mass. A *pluralis inhumanus* may consequently be regarded as equivalent to a collective, the proper form of which is the feminine singular, § 198, and words belonging to it may be dealt with accordingly. The same principle prevails in the construction of neuter plurals in Greek, τὰ ζῶα τρέχει.

5. Masculine verbs, adjectives, and pronouns are sometimes used when females are spoken of from a neglect to note the gender, if no stress is laid upon it, *וַיְהַלְלֶיהָ* *and they* (queens and concubines) *praised her* Cant. 6 : 9 ; *תֵּן לַיהוָה עִמָּךְ* *with you* (Ruth and Orpah) *as ye have dealt* Ruth 1 : 8 ; *מֵתִי* *my dead* (Sarah) Gen. 23 : 4 ; *אֲתָר שְׂדֵדֶיךָ* *thou art destroyed* Jer. 4 : 30 ; this last passage may, however, be rendered *thou, it is destroyed, what wilt thou do?*

6. Singular predicates and pronouns are sometimes employed in a distributive sense of plural subjects, *מְבַרְכֶיךָ בְּרִיךְ* *they that bless thee shall each be blessed* Num. 24 : 9 ; *מִחַלְלֶיךָ* *they who profane it shall every one be put to death* Ex. 31 : 14 ; *צַדִּיקִים יִצְדְּקֶת צְדִיקֵיהֶם* *they take away the righteousness of the righteous from each of them* Isa. 5 : 23.

§ 276. 1. When the subject consists of two or more words connected by the conjunction *and*, the predicate, if it precedes its subject, may be put in the masculine singular as its primary form, *וּנְצָא מֵהֶם תוֹדָה וְקוֹל* *and from them shall proceed thanksgiving and a voice* Jer. 30 : 19, or it may be put in the plural, referring to them all, *וַיִּשְׁמְעוּ מִשָּׁה וַיִּצְחָקוּ*

and *Moses and Aaron did so* Ex. 7 : 20, or it may agree with the nearest word, *וַתְּדַבֵּר מִרְיָם וְאַהֲרֹן* and *Miriam and Aaron spake* Num. 12 : 1 ; *לֹא תִדְעָתָא אִתָּהּ וְאֲבֹתֶיהָ* *thou and thy fathers have not known* Deut. 13 : 7.

2. If the predicate follows a compound subject it is commonly put in the plural, though it may agree with the principal word to which the others are subordinate, *אֲנִי וְעַמִּי יִצְטוּם* *I with my maidens will fast* prop. and *my maidens* Est. 4 : 16, *עַבְדֵי דָוִד וְיֹאֲבָב בָּא* *the servants of David and Joab came* 2 Sam. 3 : 22.

3. If a predicate refers equally to two words of different genders, it will be put in the masculine in preference to the feminine, *אַבְרָהָם וְשָׂרָה זְקֵנִים* *Abraham and Sarah were old* Gen. 18 : 11 ; if they are of different persons, the predicate will be put in the second in preference to the third, and in the first in preference to either of the others, *אֲנִי וְיוֹנָתָן בְּנֵי אֲחִיהָ* *I and Jonathan my son will be* 1 Sam. 14 : 40, *אַתָּה וְאַהֲרֹן וְדָבְרֵתֶם* *thou and Aaron thy brother and ye shall speak* Num. 20 : 8.

§ 277. If two or more nouns are united in the construct state the predicate ordinarily agrees with the first as the leading word in such combinations : it may, however, agree with the second, if that is the more important, or the predicate might with propriety be referred directly to it, *שְׂדֵמֵת הַשָּׁבוֹן* *the fields of Heshbon languish* Isa. 16 : 8, *נִמְצְאוּ דָם נַפְשוֹת* *is found the blood of the souls of the poor* Jer. 2 : 34.

a. The predicate agrees generally though not invariably with the second noun when the first is *כֹּל*, or an abstract expressing a quality of that which follows, *וַיָּקָמוּ כָל־יְמֵי־יֶשֶׁת* and *all the days of Seth were* Gen. 5 : 8, *וַתֵּצְאוּ כָל־תַּנְּצִיּוֹת* and *all the women went out* Ex. 15 : 20, *מִבְּחַר שְׁלֹשָׁיו* *the choice of his captains were drowned* ver. 4.

§ 278. Nouns in the dual have verbs, adjectives, and pronouns, agreeing with them in the plural, *עֵינֵי לֵאָה רַכּוֹת* *the eyes of Leah were tender* Gen. 29 : 17.

§ 279. The abrupt changes of the person from the third

to the first or second, and *vice versâ*, which are especially frequent with the prophets and psalmists, Isa. 1 : 29, Ps. 81 : 17, are due to the boldness and vividness of their conceptions, in virtue of which they often pass in the course of the same sentence from speaking of God to speaking in his name, and from describing men to directly addressing them.

a. The occasional combination of the pronoun of the first person with a verb in the third is to be explained by an ellipsis, רָשָׁד הִנְיִי רָשָׁד *behold I (am he who) has laid* Isa. 28 : 16, הִנְיִי יוֹסֵף רָשָׁד *behold I (am he who) will add* 29 : 14, 38 : 5.

REPETITION OF WORDS.

§ 280. The repetition of nouns may denote

1. Distribution, שָׁנָה שָׁנָה *year by year* Deut. 14 : 22, בִּפְקָר בִּפְקָר *in the morning, in the morning* i. e. *every morning* 2 Sam. 13 : 4, אִישׁ-אֶחָד לְשֵׁבֶט אִישׁ-אֶחָד לְשֵׁבֶט *one man for each tribe* Josh. 3 : 12 ; so with numeral adjectives, § 252. 4, שִׁבְעָה שִׁבְעָה *by sevens* Gen. 7 : 2, and adverbs, מֵעַט מֵעַט *little by little* Ex. 23 : 30.

2. Plurality, הִר-הִרָדִיר *generation and generation* i. e. *many generations* Deut. 32 : 7, צֵר לְצֵר צֵר לְצֵר קוֹ לְקוֹ קוֹ לְקוֹ *precept upon precept, precept upon precept, line upon line, line upon line* Isa. 28 : 10, 13, בְּאֵרֹת בְּאֵרֹת *pits on pits* Gen. 14 : 10 ; or with the implication of diversity, אֶבֶן וְאֶבֶן *a weight and a weight* i. e. *weights of two sorts* Deut. 25 : 13, לֵב וְלֵב *a double heart* Ps. 12 : 3.

3. Emphasis or intensity, צֶדֶק צֶדֶק *justice, justice* i. e. *nothing but justice* Deut. 16 : 20, עֲמֹק עֲמֹק *exceeding deep* Eccl. 7 : 24 ; so with adverbs, מְאֹד מְאֹד *mightily, mightily* Gen. 7 : 19, and even a conjunction, וְגַם לְכֵן *because even because*.

a. Sometimes the second word is put in a different gender from the first, מִשְׁעָן וּמִשְׁעָנִים *all kinds of support* Isa. 3 : 1, comp. Jer. 48 : 19, or a different number, הַמִּזְרָהּ הַמִּזְרָהּ *a heap, two heaps* Judg. 15 : 16. שָׂדֵה וְשָׂדֵה *waste and desolate* Ezek. 6 : 14, שָׂדֵה וְשָׂדֵה *waste and desolate* Lev. 23 : 3.

b. Instances occur of triple repetition, קדוֹשׁ קדוֹשׁ קדוֹשׁ *holy, holy, holy*, Isa. 6:3. אֶרֶץ אֶרֶץ אֶרֶץ *O earth, earth, earth*, Jer. 22:29, Jer. 7:4, Ezek. 21:32, Ex. 25:35.

§ 281. A separate pronoun may be added to a pronominal suffix for the sake of emphasis, מוֹתִי אֲנִי *my dying, mine* 2 Sam. 19:1, אַתָּה יוֹדוּךָ *thee, thee shall they praise* Gen. 49:8, or to a noun to which it refers, לְשֵׁת נֹסֵיחָא *to Seth, to him also* Gen. 4:26.

§ 282. In verbs the absolute infinitive is joined with the finite forms to add emphasis or intensity to the idea, הִמְלִיךְ הִמְלִיךְ *shalt thou actually reign over us?* Gen. 37:8, מוֹת תָּמוּת *thou shalt surely die* Gen. 2:17. This combination sometimes expresses continuance or repetition, particularly when two infinitives are connected together and both follow the finite verb, וַיֵּצֵא וַיֵּצֵא *and it went out going out and returning* i. e. *it kept going to and fro* Gen. 8:7, וָאֵלְכֻם הִלְכוּ וָנָעוּ *they went on lowing as they went* 1 Sam. 6:12, וַיְדַבֵּר וַיְדַבֵּר *and I spake to you rising up early and speaking* Jer. 7:13.

a. The infinitive is mostly of the same species with the finite verb to which it is added. although this is not always the case. Thus, the Kal, on account of its greater simplicity of form, may be joined with a derivative species, e. g. Niph'al וַיִּקְוֹל וַיִּקְוֹל Ex. 19:13, Piel וַיִּדְבֹּר וַיִּדְבֹּר Josh. 24:10, Pual וַיִּטְרַף וַיִּטְרַף Gen. 37:33, Hiphil וַיִּבְרָח וַיִּבְרָח 1 Sam. 23:22, Hophal וַיִּמְחַד וַיִּמְחַד Ex. 19:12. Hithpa'el וַיִּמְחַד וַיִּמְחַד Isa. 24:19; or one derivative species with another of like signification, וַיִּתְקַח וַיִּתְקַח Lev. 19:20. וַיִּתְקַח וַיִּתְקַח Ezek. 16:4. Occasionally the infinitive is borrowed from a cognate verb, וַיִּשְׁתַּח וַיִּשְׁתַּח Zeph. 1:2 (וַיִּשְׁתַּח and וַיִּשְׁתַּח), וַיִּשְׁתַּח וַיִּשְׁתַּח Isa. 28:28 (וַיִּשְׁתַּח and וַיִּשְׁתַּח).

b. The construct infinitive is very rarely used in such combinations instead of the absolute, וַיִּבְלֵל וַיִּבְלֵל Neh. 1:7, וַיִּיחַד וַיִּיחַד Ps. 50:21; once it is added in a varied form to a preceding construct infinitive, וַיִּבְלֵל וַיִּבְלֵל 2 Sam. 6:20. The finite verb is repeated, וַיִּשְׁבַּח וַיִּשְׁבַּח 2 Sam. 15:8 K'thibh. A verbal noun takes the place of the infinitive, וַיִּבְרַח וַיִּבְרַח Hab. 3:9.

c. When two verbs are connected together to express continuous action, a participle is sometimes substituted for the absolute infinitive in the case of one or both. וַיִּבְרַח וַיִּבְרַח... וַיִּבְרַח 2 Sam. 15:30, וַיִּבְרַח וַיִּבְרַח Jer. 41:6; an adjective may even take the place of the second, וַיִּבְרַח וַיִּבְרַח Gen. 26:13, וַיִּבְרַח וַיִּבְרַח... וַיִּבְרַח Judg. 4:24; the finite verb is

omitted in *הַגְּדוֹל הַגִּבּוֹר הַיְהוָה* Est. 9 : 4. the substantive verb takes its place, *הָיָה הַלְלוֹת הַיְהוָה* Gen. 8 : 5, *וַיְהִי יְהוֹשֻׁעַט הַלֵּךְ וַיִּגְדַּל* 2 Chron. 17 : 12. The second verb may also be put in one of the finite tenses, *הִלְלִים הַלְלוּ וְהִקְדְּשׁוּ* Josh. 6 : 13, *הַלְלוּ . . . הַלְלוּ* 2 Sam. 16 : 13, and in fact other constructions, begun with a participle or infinitive, are not infrequently continued in the preterite or future, Job 12 : 21.

INTERROGATIVE SENTENCES.

§ 283. 1. A direct question is indicated by the interrogative particle *הֲ*, *הֲתֵלֵךְ* *wilt thou go?* Gen. 24 : 58, *הֲתַחַח אֲנִי אֱלֹהִים* *am I in the place of God?* Gen. 50 : 19; an indirect question by *הֲ* or *אִם* *if, to know* *הֲאֹהֲבִים אַתְּמוֹת* *whether you love* Deut. 13 : 4, *אִם־אֶחְזָק* *whether I shall recover* prop. *if I shall* 2 Kin. 1 : 2.

a. The particle *הֲ* is in Job 4 : 2 separated from the proper interrogative clause.

2. In a disjunctive question the first member is commonly introduced by *הֲ* and the second by *אִם* or *וְאִם*, *הֲתַתַּחַת בְּנֵךְ, וְאִם* *is this thy son's coat or not?* Gen. 37 : 32; *הֲתִשְׂפָּץ* *is it any pleasure to the Almighty that thou art righteous* *וְאִם־יִצְעַע* *or is it gain to him, etc.,* Job 22 : 3.

a. The second member is more rarely introduced by *אִו* *or, who knoweth* *הֲיִהְיֶה אִו כְּגֹל* *whether he shall be a wise man or a fool* Eccl. 2 : 19, or by *הֲ* repeated *הֲחִזְקוּ הֲחִזְקוּ הֲחִזְקוּ* *whether they be strong or weak* Num. 13 : 18, *הֲלֹא קָרָאָם לָנוּ הַלֵּא* *have ye called us to impoverish us or not?* Judg. 14 : 15. The construction of the second clause is interrupted and resumed again in Gen. 17 : 17.

b. If a question stand in a disjunctive relation to something previously expressed or implied, it may begin with *אִם*, *הֲאִם־תִּכְתָּב הַצִּיר* *your perversion!* *or is the potter to be reckoned as the clay?* Isa. 29 : 16, *אִם־מֵאֵת אֲדָרְבִי* *or is this thing from my lord?* 1 Kin. 1 : 27.

§ 284. A question may also be asked by means of the interrogative pronouns or interrogative adverbs. Or it may, without any particle of interrogation, be indicated simply by the tone of voice in which it is uttered, *בִּיָּאָה תְּשִׁלָּם* *thy coming is peaceful?* 1 Sam. 16 : 4.

RELATIVE PRONOUN.

§ 285. 1. From simple we pass to compound sentences. These are made up of distinct clauses united for the most part by the relative pronoun or by conjunctions. As the relative invariably occupies the first place in its own clause, and as the Hebrew admits of no inflections to represent case, some special device was necessary to indicate its relation to the following words. Accordingly, when the relative אֲשֶׁר is governed by a verb, noun, or preposition, this is shown by appending an appropriate pronominal suffix to the governing word, אֲשֶׁר שְׁלָחוֹ *whom he has sent* 2 Kin. 19:4; *the ground* אֲשֶׁר אָרְרָהּ *which he has cursed* Gen. 5:29; *whose seed* אֲשֶׁר זָרְעוּ Gen. 1:11; *houses of clay* אֲשֶׁר בְּעֶפְרָם וְכוּרָם *whose foundation is in the dust* Job 4:19; *the place* אֲשֶׁר . . . עָלָיו *upon which* Ex. 3:5; *thou* אֲשֶׁר בְּחַרְתִּיךָ *whom I have chosen* Isa. 41:8.

a. When the relative is the object of a verb the suffix is frequently omitted, the sense being sufficiently plain without it, אֲשֶׁר-בָּרָאתי *whom I have created* Gen. 6:7.

2. When the relative אֲשֶׁר is preceded by אֵת the sign of the definite object, or by a preposition, these pertain not to the relative but to its antecedent, which is in this case embraced with it as in the English compound relative *what = that which*, וְיָצַו אֶת-אֲשֶׁר עַל-בֵּיתוֹ *and he commanded him who was over his house* Gen. 44:1; *to make thee understand* אֵת אֲשֶׁר-יִקְרָה *what shall befall* Dan. 10:14.

a. The only exception is אֲשֶׁר בָּעִם *with whom* Gen. 31:32. Gesenius finds another in אֲשֶׁר בְּאֲשֶׁר Isa. 47:12, but see Alexander *in loc.*

3. The relative is frequently omitted, not only as in English, when it is the object of its clause, אֲשֶׁר עָשָׂה *into the pit (which) they have made* Ps. 9:16, but also when it is the subject, *and he forsook God* עָשָׂה (who) *made him* Deut. 32:15, and even when it would stand for the compound

relative and include its antecedent, בְּיַד־הַשֵּׁלֶחַ *by the hand of* (him whom) *thou wilt send* Ex. 4 : 13, (so doth) הַטְּאֵר הַקָּבֵר *the grave* (those who) *have sinned* Job 24 : 19.

§ 286. The demonstrative זֶה or זִי is frequently used in poetry with the force of a relative, and it then, like the English *that*, suffers no change for gender or number, מְקוֹם הַיְסָדָה זֶה *the place that thou hast founded* Ps. 104 : 8, מְצֻפּוֹת זֵי הַשִּׁבּוֹ *devices, which they have contrived* Ps. 10 : 2.

CONJUNCTIONS.

§ 287. The Hebrew sedulously avoids all involution of sentences. Consequently, instead of linking its clauses together into a complex whole by conjunctions of various power expressing their precise relation of dependence and subordination, it prefers, where this is possible, to connect them by means of the simple conjunction וְ *and*, leaving the exact nature of the connection intended to be inferred from the meanings of the clauses themselves.

1. The conjunction וְ may accordingly be employed not only where we would use *and*, but before an adversative clause, *of every tree thou mayest eat וַיִּמְצֵץ but of the tree of the knowledge, etc.*, Gen. 2 : 16, 17, or one expressing a reason, *give us help from trouble וְשִׁוּא for vain is the help of man* Ps. 60 : 13, an inference, *I have no pleasure in the death of him that dieth וְהִשִּׁיבִי wherefore turn* Ezek. 18 : 32, design, *do this and live i. e. in order that you may live, וְהָיָה וְהָיָה* Gen. 42 : 18, a comparison, *man is born unto trouble וְהָיָה רִבְבֵי הַשֵּׁפָרִים and* (i. e. as) *the sparks fly upward* Job 5 : 7, or a co-existing act or condition, *Noah was six hundred years old וְהָיָה מִבֵּיל and* (i. e. when) *the flood was upon the earth* Gen. 7 : 6.

2. It serves to introduce the apodosis or second member

of a conditional sentence, *if God will be with me and keep me יהוה יהוה* then shall Jehovah be my God Gen. 28:20, 21.

3. It may also connect a statement of time or a noun placed absolutely, with the clause to which it relates, *ביום* *השלישי* *נשא* *אברהם* *את-עיניו* on the third day Abraham lifted up his eyes Gen. 22:4; *הם* *הקנהה* *הם* *הקנהה* *הם* *הקנהה* thy hope, (is it not) the integrity of thy ways? Job 4:6. Both these uses, which are wholly foreign from our idiom, are combined in 2 Sam. 15:34, *האבני* *האבני* thy father's servant I have been so hitherto, but now *האבני* I will be thy servant.

a. For the meanings and usage of other conjunctions see the lexicon.

GRAMMATICAL ANALYSIS.

GENESIS, CHAPTER I.

VERSE 1.

בְּרֵאשִׁית composed of the inseparable preposition ב, §231. 1, with Daghesh-lene, §21. 1, and the feminine derivative noun רֵאשִׁית, §198. a. (4), without the article, §248, comp. *ἐν ἀρχῇ* John 1 : 1, Ger. *anfangs*, Eng. *at first*; position of the accent, §32. 1.

בְּרָא, לָא verb, §162. 2, the preterite denoting past time absolutely, §262. 1, lack of formal agreement with its subject, §275. 3, order of words, §270. a, position of accent, §32. 2.

אֱלֹהִים a monosyllabic noun of class I., §183, plural, §199, of majesty, §201. 2, without the article, §246. 1.

אֵת sign of the definite object, §270.

הַשָּׁמַיִם the article, §229. 1, §245. 4, and noun of the second form of class I., §185. 2. d, only used in the plural, §201. 1, §203. 5. c.

וְ the conjunction ו, §234, and אֵת.

הָאָרֶץ the article, §229. 3, and Segholate noun of class I., §183; Seghol changed to Kamets by, §229. 4. b, or §65 (1).

This verse is divided by the accents into two clauses, §36. 1; Athnabh is preceded by Munabh and Tiphhha, §38. 2; Silluk by Merka and Tiphhha, and Tiphhha again by Merka, §38. 1.

VERSE 2.

הַיָּהוּה, הָ verb לָהֶה, § 169. 1, with Methegh, § 45. 2, Kamets distinguished from Kamets-Hhatuph, § 19. 2.

בְּהֵי Segholate nouns of class I. from הָ roots, § 184. *b*, abstracts used instead of adjectives, § 254. 6. *a*, assonance or paronomasia. Double accent, § 30. 1.

מַכְּכֵי Makkeph, § 43, מַכְּכֵי noun of class I., form 2, § 185. 2. *d*, only used in the plural, § 201. 1, § 209. 1; here in the construct state, § 214. 2, § 216. 1, with its possessive sense, § 254. 1.

פְּנֵי הַיָּם noun of class III from פָּ root § 190. *b*, article omitted as if from a proper noun, § 246. 1, or by a kind of poetic brevity, § 247, *the face of ocean*.

מְרַחֵם Piel participle of the Ayin Guttural verb רָחַם, § 116. 4, § 121. 1, feminine, § 205, as the predicate without the article, § 259. 2, although its subject is definite, § 246. 3; the participle expresses continuous action, § 266. 1, belonging to the period before spoken of, § 266. 3.

הַיָּמִים noun used only in the plural, § 201. 1, § 203. 5. *c*; vowel changed by the pause accent, § 65. 1.

This verse consists of two clauses, § 36. 1; the clause of Athnahh is subdivided by Zakeph Katon and R'bhia, § 36. 2; Zakeph Katon is preceded by Pashta, and Pashta by Merka, § 38. 4, Athnahh by Munahh and Tiphhha, § 38. 2. The clause of Silluk is subdivided by Zakeph Katon; this is preceded by Munahh, § 38. 4, and Silluk by Merka and Tiphhha, § 38. 1.

VERSE 3.

יִבְרָא Kal future of Pe Aleph verb בָּרָא, § 110. 3, with Vav Conversive, § 99. 1, § 265, which removes the accent to the penult and changes the vowel of the ultimate, § 99. 3. *a*, § 111. 2. *a*.

יִהְיֶה apocopated future of הָיָה verb לִהְיוֹת, § 171. 1, § 177. 1, with a jussive sense, § 264.

וַיִּהְיֶה future with Vav Conversive; Daghesh-forte omitted, § 99. 3, Methegh, § 45. 2.

VERSE 4.

וַיִּבְרָא Kal future of בָּרָא verb רָאָה with Vav Conversive, § 171. 1, § 172. 4.

טוֹב the predicate adjective without the article, § 259. 2.

וַיִּבְרַךְ Hiphil future of בָּרַךְ with Vav Conversive, § 99. 3.

וַיִּבְרַךְ Vav Conjunctive, § 234, with the preposition בֵּין, § 237. 1.

VERSE 5.

וַיִּקְרָא from the קָרָא verb לָא, § 162. 2.

אֱלֹהִים P'sik, § 38. 1. *a.*

לְאוֹר preposition ל with the vowel of the article, § 231. 5.

יָמִים noun, whose plural is יָמִים, § 207. 1. *f.*

קָרָא the preterite, used rather than the future with Vav Conversive, because the verb does not begin the clause, § 265, the accent removed to the penult, § 35. 1.

לְלוֹא paragogic לוֹ, § 61. 6, § 219. 2, with the noun לֹא, a Segholate of class I. from an לוֹ root, § 184. *b.* having a pause accent, § 65. 1.

אֶחָד numeral, § 223. 1, agreement and position, § 250. 1.

VERSE 6.

קָיָה noun of class I. form 2, § 185. 1.

בְּתוֹךְ preposition ב, § 231. 1, with the construct of תוֹךְ, § 216. 1. *d.* in a partitive sense, § 254. 2.

מְבַרְלִי Hiphil participle of בָּרַל, § 84. 5, denoting continuous action, § 266. 1, and referred by the tense of the accompanying substantive verb to the future, § 266. 3. *a*.

VERSE 7.

וַיִּשָּׂא guttural and לָהּ verb עָשָׂה with Vav Conversive, § 109. 3, § 171. 1, § 172. 4.

מִפְתָּח composed of the prepositions מִן and מִפְתָּח, § 237. 2 (1).

מֵעַל composed of the prepositions מִן and עַל.

VERSE 8.

שְׁמַיִם with pause accent, § 65 (1).

בְּקָרַב, בְּקָרַב class I. Segholates, § 183.

שְׁנַיִם ordinal number, § 227. 1, agreement with noun and position, § 252. 1.

VERSE 9.

יִקְרֶה Niphil future of קָרָה verb לָהּ, § 169. 1, with an imperative sense, § 263. 1.

מְקוֹם noun of class III. from an עָרַ root, § 190. *b*.

תִּקְרָא Niphil future of קָרָה, § 109. 4, § 168.

VERSE 10.

וְלִמְקוֹתָה conjunction וְ, § 234, preposition לְ, § 231. 1, and noun of class III. from לָהּ root, § 190. *b*, in the construct state, § 215. 2, followed by the material of which it consists, § 254. 4.

רַיִים plural, § 207. 2, of רָיָם, a noun of class I. from an רָע root, § 186. 2. *c*.

VERSE 11.

קָדְשָׁא apocopated Hiphil future of קָדַשׁ, § 97. 2, § 264, governing its cognate noun קְדֻשָּׁה, § 271. 3. Methegh by § 45. 2.

מְזַרְזֵר the participle expresses what is constant and habitual, § 266. 1.

עַץ collective noun, § 201. 1, probably abridged from a לָהּ root, class I. form 2, § 185. 2. *d*, in the construct, § 215. 1, with the following word, which denotes its quality, § 254. 6.

פְּרִי noun from לָהּ root class I. form 1, § 184. *b*.

לָשָׂה Kal participle of לָהּ verb, § 168; the accent is not Y'thibh but Mahpakh, as is shown by its standing before Pashta in the subdivision of Zakeph Katon, § 30. 2, § 38. 4, shifted to the penult by, § 35. 1, followed by Daghesh-forte conjunctive in the first letter of the next word, § 24. *a*.

לְמִינֵהוּ preposition ל, § 231. 1, noun מִין from an עִי root class I, § 186. 2. *b*, and pronominal suffix, § 220. 1.

אֲשֶׁר זָרְעוּבוּ oblique case of the relative pronoun, § 74, § 285. 1; the preposition ב with a pronominal suffix, § 233.

VERSE 12.

וְהִזְצִיא Hiphil future of פָּי and לָאָה verb, § 144. 1, § 162, with Vav Conversive, the accent remaining on the ultimate, § 147. 5, § 166. 4.

לְמִינָהּ suffix of third person, § 220. 1. *b*, singular in distributive sense referring to the preceding collective, § 275. 6.

VERSE 13.

שְׁלִישִׁי ordinal number, § 227. 1, § 252. 1.

VERSE 14.

וְהָיָה lack of agreement with subject, § 275. 1.

מְאֻזָּרֹת masculine noun in the plural, § 200. *c*, class III. from an ע"ו root, § 190. *b*.

לְהַבְהִירֵל the construct form of the infinitive used with prepositions, § 267. *b*.

וְהָיָה preterite with Vav Conversive, § 100. 1, § 265, in the plural because following the noun, § 275. 1. *b*.

VERSE 15.

לְהַאֲרִיר Hiphil infinitive construct of ע"ו verb, § 153. 1.

VERSE 16.

שְׁנַי cardinal number, § 223. 1, joined with noun, § 250. 2 (2), without the article, § 251. 4.

הַגְּדֹלִים qualifying adjective with the article after the noun, § 249. 1.

הַקָּטָן . . . הַגְּדֹלִים class I. form 2, § 185. 1, emphatic use of the positive degree, § 260. 2 (2).

מְמַשְׁכֵּת noun of class III., § 190, in the construct state, § 214. 1. *b*, the following noun denoting the object, § 254. 9.

הַפְּזֻקְבִים noun of class II. from an ע"ע root, § 187. 1. *e*.

VERSE 17.

וְנִתְּנָה from נָתַן verb פ"נ, § 129. 1.

אֲתָם sign of the definite object with a pronominal suffix, § 238. 2.

VERSE 18.

וְלִהְבֵּהוּ . . . וְלִמְשֹׁלֵהוּ construct infinitive with the preposition, § 267. *b*; Methegh with ו, § 45. 2. *a*.

VERSE 20.

וְעִפְפָה Piel future of עָו verb, §154. 2.

VERSE 21.

הַתַּיִן plural of תָּיִן, §199; the Hhirik of the ultimate is long, §19. 1.

הַרְמֵשֶׁת Kal feminine participle, §205, with the article, §249. 1.

אֲשֶׁר the object of the verb שָׁרַבְתִּי though without the appropriate pronominal suffix, §285. 1. *a*.

לְמִינֵהֶם plural noun with plural suffix, §220. 2. *b*.

VERSE 22.

וְרִבְרָה Piel future of רָב Guttural verb, §116. 4, §121. 1, with Vav conversive, §99. 3. *a*, no Daghesth-lene in ב since the preceding Sh'va is vocal, §25.

לְאָמֹר the preposition with Tsere, §231. 3. *a*, so as to say i. e. *in saying*.

רָבָה, פָּרָה, רָבִי Kal imperatives of רָבָה, פָּרָה, §169. 1.

יָרַב Kal apocopated future, §171. 1, Hhirik short though accented, §19. 1.

VERSE 24.

וְהִתְחַוֶּה construct of הִתְחַוָּה, §214. 1, with וי paragogic, §218. Methegh, §45. 2, Daghesth-forte omitted, §25.

VERSE 26.

נִעְשָׂה Kal future of עָשָׂה, §109. 1, §168, in the plural number, §275. 3. *a*.

בְּעֵלְמִינוּ preposition, §231. 1, Segholate noun, class I., §183, and pronominal suffix, §221. 5.

וְיָרְדוּ from יָרָדָה, §169. 1.

בְּקִלְתָּ preposition, §231. 2, construct of the collective noun קִלְתָּה, §198, §214. 1, §216. 1; no Daghesh-lene in ק, §22. *a* (5).

VERSE 27.

זָכַר וַיִּזְכֹּר predicates, §273. 4, and consequently indefinite.

: אֲהֵם pronoun, referring to both genders put in the masculine, §276. 3.

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וּכְבַשְׁתָּה conjunction ו, §234, imperative Kal of כָּבַשׁ, §84. 4, and pronominal suffix, §101. Kibbutz is long, §19. 1.

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נָתַתִּי from נָתַן, §130. 1, preterite in the sense of the present, §262. 1. *l*.

יְהִיָּה singular, referring formally to the nearest collective subject, §276. 1, or taken distributively, §275. 6.

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אֶתְּכֹלֶנּוּ, אֵת before כָּל without the article, §270. *c*.

VERSE 31.

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12: 7....45. 2
16....256. c
21....89 (f. s. &
m. pl.)
39....141. 6
49....275. 1. c
13: 1....24. a
2....92. c
9....254. 7
16....220. 1. b
22....263. 4
14: 4....22. b, 91. c
14....119. 1
17....22. b, 91. c
15: 1....22. b, 263. 5

- 29: 35...\$ 65. *a*
- 37...229. 4. *b*
- 30: 18...109. 3
- 23...215. 1. *c*
- 34...38. 1. *a*
- 13...104. *h*
- 14...275. 6
- 32: 1...75. 1, 119. 1,
249. 2. *a*
- 4, 8...275. 3. *a*
- 19...220. 2. *b*
- 25...104. *d*, 156. 2
- 33: 3...63. 1. *b*, 174. 4
- 13...220. 2. *b*
- 20...105. *a*
- 24...111. 3. *a*
- 36: 3...38. 1. *a*
- 28...216. 2. *a*
- 38: 27...250. 2 (2)
- 39: 30...105. *d*
- 40: 3...166. 4

- 23: 17...\$ 26
- 18...216. 2. *a*
- 22...106. *a*
- 30...112. 3
- 39...22. *a*
- 24: 5...100. 2. *a* (1)
- 22...250. 1. *a*
- 23...273. 3
- 25: 5...216. 2. *a*
- 21...172. 1
- 46...39. 3. *b*
- 26: 9...100. 2. *a* (1)
- bis.
- 15...141. 3
- 18...92. *d*
- 25...132. 1
- 33...92. *e*
- 34...172. 1
- 34, 35...65. *a*
- 34, 43...140. 6
- 27: 7...251. 2. *a*
- 6...112. 3
- 23...246. 2. *a*

- 22: 33...\$ 105. *a*
- 37...141. 1
- 23: 7...19. 2, 119. 3,
141. 1, 263. 5
- 13...141. 3
- 18...61. 6. *a*
- 19...121. 3
- 24...166. 5
- 25...139. 1, 2
- 27...104. *j*
- 24: 3...61. 6. *a*
- 4...266
- 7...19. 2. *b*, 131. 6
- 9...275. 6
- 11...127. 2
- 15...61. 6. *a*
- 17...161. 2
- 21...158. 3
- 22...35. 1
- 25: 13...24. *a*
- 26: 30...246. 3. *b*
- 62...96. *a*
- 28: 4...249. 1. *b*
- 6...254. 6. *b*
- 8...104. *d*
- 26...39. 3. *b*
- 29: 15...251. 1
- 30: 11...274. 2. *b*
- 31: 2...131. 3
- 12...45. 5. *a*
- 32: 5...271. 4. *a*
- 7...113. 1
- 21...254. 9. *b*
- 33...71. *a* (1), 246.
1. *a*
- 42...27
- 33: 30...111. 2. *d*
- 34: 5...61. 6. *a*
- 6, 7, 9...24. *a*
- 18...151. 1
- 28...57. 2 (2) *b*
- 35: 4...251. 2. *a*
- 19...125. 2
- 20...105. *d*

- 7: 2...\$ 119. 1
- 5...126. 1
- 10...92. *c*
- 13...104. *h*
- 15...105. *a*
- 17...254. 9. *b*
- 23...273. 2
- 24...94. *b*, 112. 3
- 8: 3...86. *b* (3 pl.)
- 9...207. 2. *a*
- 16...55. 2. *a*, 86.
b (3 pl.)
- 9: 3...112. 3
- 6...38. 4. *a*, 249. 2
- 14...98. 2
- 25...251. 4
- 26...119. 1
- 10: 15...119. 3
- 17...30. 2
- 11: 12...247. *a*
- 14...270. *b*
- 18...249. 2. *b*
- 22...87. 63 (pl.)
- 12: 6...270. *b*
- 10...274. 2. *e*
- 31...45. 5
- 13: 3...111. 3. *a*
- 4...283. 1
- 5...65. *b*
- 7...276. 1
- 14: 5...57. 2 (3) *a*
- 7...196. *c*
- 17...229. 4. *b*
- 22...280. 1
- 15: 16...119. 1
- 18...126. 1
- 16: 1...22. *b*
- 3...30. 2
- 20...280. 3
- 17: 2, 3...265. *a*
- 18: 2...275. 1. *c*
- 19: 6...114
- 15...43
- 20: 2...19. 2, 119. 3
- 7...119. 1
- 21: 7...13. *b*, 86. *b* (3 pl.)
- 8...83. *c* (2)
- 11...214. 1. *b*
- 22: 7...126. 1
- 24...255. 2
- 23: 5...253. 2. *b*
- 11...24. *b*
- 24: 3...104. *h*
- 4...96. *a*
- 25: 4...158. 3
- 7...60. 3. *a*
- 26: 2...39. 4
- 5...254. 6. *b*
- 12...94. *b*, 113. 2
- 27: 4...166. *a*
- 7...24. *a*
- 28: 24...104. *b*
- 45...104. *b*
- 48...94. *b*
- 52...126. 1
- 57...164. 2
- 58...249. 1
- 59...165. 2, 220.
2. *a*
- 66...177. 3
- 29: 11...166. *a*
- 30: 3...92. *c*
- 3, 4...104. *h*
- 11...166. 1, 205. *c*
- 20...39. 4, 87
- 31: 28...22. *b*
- 29...166. 1
- 32: 1...245. 2

LEVITICUS.

- 2: 15...\$ 71. *a* (3)
- 4: 13...60. 3. *a*
- 23, 28...150. 5
- 5: 21...61. 4. *a*,
205. *c*
- 22...119. 1
- 24...220. 2. *a*
- 6: 14...114
- 15...95. *a*
- 7: 38...216. 1. *a*
- 8: 3...119. 1
- 9: 7...98. 1. *a*
- 10: 4...39. 4. *a*
- 11...273. 2
- 12...39. 3. *b*
- 18...271. 4. *a*
- 19...230. 2. *b*
- 11: 7...126. 1
- 9...270. *c*
- 18...229. 4. *b*
- 32...38. 1. *a*, 254. 4
- 39...71. *a* (3)
- 42...4. *a*
- 43...164. 2
- 44...96. *b*, 242
- 13: 3...258. 3. *a*
- 4...27. 57. 2 (2)
- b*, 220. 1. *b*
- 10, 21...71. *a* (3)
- 51, 52...139. 3
- 55, 56...96. *a*
- 14: 8...126. 1
- 13...175. 2
- 35...242. *a*
- 38...274. 2. *a*
- 42...156. 2
- 43...92. *d*, 94. *b*
- 15: 24...87
- 29...100. 2. *a* (2)
- 32...87
- 16: 4...104. *h*
- 8...111. 1. *a*, 188. *a*
- 31...71. *a* (3)
- 18: 4...263. 1
- 7 f...172. 3
- 28...156. 4
- 19: 20...175. 5, 282. *a*
- 20: 3...256
- 7...96. *b*
- 21: 1...96. *a*
- 4...140. 4
- 5...97. 1. *a*
- 9...71. *a* (3),
140. 3
- 23: 3...280. 3. *a*
- 13...220. 1. *b*

NUMBERS.

- 1: 10...\$ 13. *b*
- 47...96. *a*
- 2: 33...96. *a*
- 3: 26...271. 4. *b*
- 49...55. 1
- 4: 23...22. *a*
- 13, 14...71. *a* (3)
- 5...131. 2
- 6: 23...120. 3
- 8: 7...121. 3
- 24...22. *a*
- 9: 6...275. 1. *b*
- 7...249. 2
- 14...275. 1. *c*
- 20...253. 2
- 10: 23...45. 5
- 29...21. 1
- 35...4. *a*
- 11: 4...57. 2 (2) *a*,
229. 3. *a*
- 5...263. 4
- 11...164. 2
- 15...71. *a* (2)
- 16...111. 3. *a*
- 20...196. *d*
- 25...111. 2. *c*
- 12: 1...276. 1
- 4...250. 2 (2) *a*
- 13: 18...283. 2. *a*
- 32...156. 4
- 14: 1...275. 2. *a*
- 2...262. 1
- 15: 6...252. 3
- 21...39. 3. *b*
- 28...27. 250. 1. *b*
- 29...275. 1. *c*
- 16: 3...275. 2
- 17: 3, 4...104. *g*
- 10...140. 4
- 28...125. 2
- 20: 3...125. 2
- 5...104. *i*
- 8...276. 3
- 14...104. *i*
- 21...131. 4
- 21: 5...104. *i*
- 30...105. *a*, 140. 5
- 33. 35...44. *a*
- 22: 6...269. *b*
- 8...274. 2. *a*
- 11...19. 2, 141. 1,
267. *b*
- 25...119. 1
- 29...262. 1

DEUTERONOMY.

- 1: 2...\$ 38. 1. *a*
- 14...259. 2
- 15...225. 1. *a*
- 19...271. 2
- 22...99. 3. *a*
- 28...38. 1. *a*
- 35...38. 1. *a*, 249. 1
- 38...273. 1
- 44...245. 5. *d*
- 45...112. 3
- 2: 9...60. 4. *a*
- 12...203. 5. *a*
- 24...131. 3
- 35...139. 1
- 3: 4...250. 2 (1)
- 13...246. 1. *a*
- 17...216. 2. *a*
- 26...21. 1, 151. 2
- 4: 10...119. 1
- 11...99. 3. *a*
- 26...44. *b*, 91. *b*
- 30...265. *b*
- 33...35. 1
- 41...219. 1. *b*,
256. *d*
- 5: 6-21...39. 4. *a*
- 8...27
- 9...111. 3. *a*
- 14...249. 1. *c*
- 17...27
- 24...71. *a* (2)
- 6: 4...4. *a*
- 25...45. 1

- 32: 6...§ 238. 2. *a*
 7...104. *h*, 280. 2
 8...11. 1. *b*, 94. *b*
 10...63. *c*, 105. *b*
 13...13. *a*
 15...285. 3
 18...172. 4
 21...111. 2. *b*
 22...147. 4
 26...104. *f*, 172. 3
 28...215. 1. *b*
 29...262. 1
 32...24. *b*, 57. 2
 (2) *a*
 34...90 (pass.)
 36...35. 1. 86. *b*
 37...172. 1
 37, 38...220. 2. *c*
 41...141. 2
 33: 16...61. 6. *a*, 89
 (3 f.), 167. 3
 21...177. 3
- JOSHUA.
- 1: 1...§ 265. *a*
 8...36. 2
 14...256
 16...263. 1
 2: 8...88 (pl.)
 16...249. 2. *b*
 17, 18, 20...104. *k*
 18...112. 3
 20...249. 2. *b*
 3: 3...246. 3
 9...131. 3
 11...246. 3. *a*
 12...280. 1
 13...246. 3
 14...253. 2. *a*
 4: 4...231. 4. *a*
 5...255. 3
 6...88 (pl.)
 8...104. *g*
 10...275. 2
 13...45. 5. *a*
 23...127. 2
 24...262. 1
 6: 5...125. 2
 7...46
 13...282. *c*
 17...166. 1
 7: 7...60. 3. *b* (2),
 94. *b*, 112. 2
 9...172. 3
 21...246. 2. *a*
 8: 11...246. 3. *a*
 19...271. 2
 22...272. 2
 24...22. *b*
 33...246. 2. *a*
 9: 4...161. 1
 6...119. 4
 8...262. 2. *a*
 12...161. 1, 249.
 2. *a*
 13...126. 1
 24...95. *c*, 172. 3
 10: 11...38. 4. *a*, 39.
 1. *a*
 20...22. *b*
 24...86. *b* (3 pl.),
 245. 5. *b*
 26...56. 4
 29...272. 2
 30...21. 1
 31, 38...272. 2
 11: 8...21. 1
 14...94. *b*
- 12: 21...§ 55. 2. *a*
 13: 13...196. *b*
 23...247. *a*
 14: 8...62. 2, 175. 1
 15: 36...203. 5. *b*
 38...22. *a*
 56...22. *a*
 17: 1...30. 2
 18: 12, 14...86. *b* (3
 pl.)
 20...88
 19: 43...61. 6. *a*
 50...172. 4
 51...39. 1. *a*
 21: 10...227. 1. *a*
 22: 5...87
 12...45. 5
 16...119. 3
 17...271. 4. *a*
 25...148. 1
 27...44. *b*
 23: 7, 12...249. 2. *a*
 24: 10...92. *d*, 282. *a*
 15...88 (pl.)
 19...275. 3. *a*
- JUDGES.
- 1: 1...§ 265. *a*
 15...273. 3. *a*
 2: 7...256
 3: 15...246. 3. *b*
 24...140. 5
 25...157. 1
 27...272. 2. *b*
 30...274. 2. *a*
 4: 19...164. 2, 262. 2
 20...104. *a*, 127. 2
 21...11. 1. *a*, 156. 3
 22...266
 23...126. 1
 24...282. *c*
 5: 5...86. *a*, 141. 1,
 249. 2. *a*
 7...24. *c*, 74, 74. *a*
 8...92. *d*, 121. 1
 12...45. 2. *a*
 13...148. 3
 15...199. *c*, 207.
 2. *a*
 26...88 (3 f. pl.),
 105. *b*
 28...60. 3. *b* (2),
 121. 2
 31...263. 1
 6: 9...99. 3. *b*
 11...246. 3. *b*
 14...249. 2. *b*
 15...250. 2 (2) *a*
 17...74, 74. *a*
 20...73. 2. *a*
 25...249. 1. *c*
 31...230. 3. *a*
 34...119. 1
 36...258. 3. *b*
 7: 6...22. *a*
 12...74. *a*
 19...268. 1
 8: 1...166. 2
 2...25
 10...224. *a*
 11...229. 4. *b*
 19...111. 3. *b*
 26...74. *a*
 9: 2...230. 2. *a*
 8...98. 1. *a*
 9...53. 2. *b*, 63. 1.
a, 95. *b*
 10...89 (f. s. &
 m. pl.)
- 9: 11...§ 53. 2. *b*,
 95. *b*
 12...89 (f. s. &
 m. pl.)
 13...95. *b*
 14...89
 24...220. 1. *b*
 25...174. 5
 29...164. 5, 172. 3
 33...274. 2. *b*
 38...91. *b*
 48...75. 1
 53...140. 5
 10: 2...60. 3. *b* (1)
 4...207. 1. *f*
 9...243. 3
 14...119. 4
 11: 1...254. 6
 18...99. 3. *a*
 25...91. *b*, 119. 1
 37...98. 2
 40...250. 2 (2),
 263. 4
 12: 4...272. 2
 5...230. 3. *a*
 6...3. 1. *a*
 2...248. *a*
 3...16. 1
 5, 7...90 (2 f. s.)
 6...119. 2
 8...93. *b*, 245. 5.
b, 266. 3
 12...275. 1. *a*
 23...273. 1
 14: 1...61. 6. *a*
 6...245. 5. *d*
 11...251. 2. *b*
 15...283. 2. *a*
 18...61. 6. *a*
 15: 16...280. 3. *a*
 16: 5...139. 1. *b*
 13...112. 3
 14...246. 3. *a*
 16...27
 25...51. 2
 26...150. 1
 27...271. 1
 28...22. *b*, 27, 223.
 1. *a*
 17: 2...71. *a*, 2
 2. *b*
 18: 7...94. *a*, 275.
 2. *b*
 29...93. *b*
 30...4. *a*
 19: 5...19. 2. *a*, 89
 11...150. 1 (2)
 22...82. 5. *a*
 20: 13...46
 15, 17...96. *a*
 25...224. *a*
 31...131. 2
 32...24. *b*
 39...131. 5
 43...24. *b*
 44...271. 4. *b*
 21: 9...66. *a*
 21...39. 3. *b*
 22...158. 3
 25...258. 3. *b*
- RUTH.
- 1: 8...§ 275. 5
 9...89 (f. pl.)
 11...45. 4
 18...25. 71. *a* (3),
 88 (f. pl.), 91. *c*
 19...104. *g*
 20...60. 3. *c*, 196.
d
- 2: 8...§ 88, 88 (2 f.),
 127. 1
 9...88 (pl.), 165.
 3
 14...150. 3
 16...139. 2
 3: 3...86. *b* (2 f.)
 4...16. 1, 55. 2. *a*,
 88 (2 f.), 106. *a*
 12...258. 3. *b*
 13...119. 3
 15...60. 3. *b* (2),
 120. 1, 164. 2,
 251. 2. *c*
 20...220. 1. *b*
 4: 1...147. 5
 15...104. *c*, *i*
- 1 SAMUEL.
- 1: 1...§ 265. *a*
 3...219. 1. *a*
 4...245. 3. *b*
 6...24. *b*, 104. *i*
 8...263. 2
 9...104. *d*, 172. 4,
 254. 1
 14...88 (2 f.)
 17...53. 2. *a*
 20...119. 2
 24...104. *i*
 28...119. 3
 2: 5...24. *c*
 10...119. 1
 13...203. 5. *a*
 22...88 (pl.)
 27...91. *b*
 3: 2...258. 3. *a*
 4...263. 1. *b*
 7...263. 1. *b*
 8...254. 9. *b*
 19...263. 4
 4: 8...266. 2. *a*
 12...266. 3
 14...75. 1
 19...148. 2
 6: 10...104. *g*, 165. 3
 12...88 (3 f. pl.),
 147. 4, 282
 14...246. 3. *b*
 15...119. 1
 7: 8...119. 1
 8: 19...24. *a*
 9: 3...270. *c*
 9...243. 2. *a*,
 245. 3
 24...245. 5. *b*
 10: 1-8...100. 1
 4...251. 2. *c*
 5...266. 3
 6...165. 3, 273.
 3. *a*
 13...165. 3
 19...250. 2 (2) *a*
 24...24. *b*
 12: 3...38. 1. *a*
 7...91. *c*
 13...119. 2
 24...94. *a*
 13: 5...250. 2 (1)
 8...149. 2
 19...86. *b* (3 pl.)
 21...19. 2. *b*, 65. *a*
 14: 1...73. 2. *a*
 22...94. *c*
 24...111. 2. *d*
 29...249. 2. *c*
 32...157. 3, 172. 4
 33...57. 2 (3) *a*,
 164. 3

14: 36...\$141. 1	28. 24...\$111. 2. b	21: 11...\$271. 4. a	16: 26...\$254. 9. a
40...276. 3	30: 1...14. a	12...177. 3	29...252. 2. a
15: 1...125. 2	31: 2...94. c	22: 7...142. 2	17: 3...100. 1
5...111. 2. c		24...45. 1	14...177. 3
6...151. 2		33...160. 1	21...43
9...91. e		37, 40...238. 1. b	18: 1...252. 1
19...157. 3, 172. 4		40...53. 3. a. 111.	12...100. 2. a (1)
30...100. 2. a (1)		2. c	13...104. e
16: 4...284	2 SAMUEL.	41...53. 2. b, 132.	30...131. 3
12...214. 2. b	1: 4...\$242. c	1	32...273. 3
15...221. 2. a	6...91. b, 166. 3	43...118. 3, 141. 3	42...175. 3
18...246. 3. b, 254.	9...256. c	44...199. b	43...254. 9. a,
6. a, 257. 2	10...99. 3. b, 106. a	48...238. 1. b	274. 2. d
23...245. 3. a	15...131. 3	23: 1...160. 5	44...104. b
17: 12...249. 2. c, 253.	21...255. 1	6...33. 3, 140. 6,	19: 2...275. 3. a
2. b	26...166. 1	221. b	4...274. 2. c
25...24. b, 104. h	27...65. a	8...199. b	7...58. 1. a
26...73. 2. a, 275.	32...274. 2. b	27...54. b	10...92. d
3. a	3: 2...257. 1	24: 12...268. 2	11...275. 1. c
34...245. 5. d, 265.	8...165. 3	13...253. 2	15...66. 2 (2) b,
b, 271. 4. b	22...276. 2		219. 1
35...14. a, 112. 3,	4: 6...71. a (3)		19...251. 4. a
265. b	5: 2...164. 2		20...98. 1. a
42...172. 4	6: 1...151. 2		20: 9...39. 4
47...150. 2	3...249. 1. b		13...229. 1. b
55...245. 2, 249.	5...16. 3. b		30...131. 3
2. a	13...282. c		35...172. 3
56...249. 2. a	16...253. 1		39...91. b
18: 1...105. a	20...282. b		21: 1...45. 1
6...158. 3	23...56. 2		8...46
7...250. 2 (2) a	27...283. 2. b		29...164. 2
9...156. 1	2: 24...105. a		22: 12...126. 1
17...119. 1	31...254. 6. b		23...249. 2. b
20...243. 2	3: 3...126. 1		25...165. 1
22...220. 2. b	7...267. b		27...253. 2. a,
28...104. i	15...147. 4		270. c
29...148. 1, 151. 2	4: 5...150. 4, 215.		35...147. 4
19: 10...249. 2. b	1. e		54...119. 1
13, 16...201. 2	5: 3...253. 2. a		
17...104. k	10...254. 8		
21...269. a	11...260. 2 (2) a		
22...249. 1. c	20...119. 1		
20: 6...119. 1	25...53. 2. a		
13...271. 4. a	6: 16...10. a		
21...39. 4	19...132. 1		
28...119. 1	21...207. 1. c		
31...254. 6. a	38...251. 4. a		
38...199. b	7: 12...249. 1. c		
42...250. 2 (2) a	14...132. 1, 253. 1		
21: 2...219. 1. b	37...220. 1. b		
3...92. b, 221. 3. a	44...251. 4. a		
7...44	8: 1...119. 1		
12...44. a	48...86. b (1. c)		
14...66. 1 (1), 105.	9: 11...165. 2		
a, 174. 4	10: 3...112. 3		
15...126. 1	9...254. 8		
22: 2...165. 2	12...275. 1. b		
23: 11...94. d	15...254. 3		
22...282. a	11: 1...210. d		
24: 14...245. 5. a	3...275. 1. a		
17...260. 1	13...16. 1		
19...71. a (2)	22...24. a		
25: 7...94. a	25...271. 4. b		
8...164. 2	39...57. 2 (2) a		
14...157. 3	12: 10...221. 5. a		
18...172. 5, 209.	12...164. 2		
3. a	32...257. 3		
33...165. 3	13: 7...234. a		
34...88 (3 f.), 167.	12...75. 2		
3	20...60. 3. b (2)		
43...250. 2 (2) a	14: 2...71. a (2)		
26: 16...271. 4. b	3...60. 2. a, 127. 1		
22...246. 3. a	6...273. 5		
27: 12...119. 1	24...246. 3. a		
28: 7...214. 1. b	25...257. 3		
8...89 (f. s. & m.	15: 16...60. 3. a		
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10...24. b	29...94. b		
14...60. 3. b (2)	33...257. 3, 4		
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	17...172. 4, 175. 3		
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- 6: 32...\$ 24. *b*
 7: 12...165. 1
 13...246. 3. *a*
 8: 1...71. *a* (2)
 8...249. 2. *c*
 12...126. 1
 13...75. 1
 21...11. 1. *b*, 90
 9: 17...196. *b*
 25...220. 1. *b*
 37...172. 1
 10: 14...118. 3
 30...39. 4
 11: 4...199. *b*
 13...199. *a*
 12: 1...252. 2. *b*
 8...216. 1. *a*
 9...67. 3. *c*, 132. 2
 10...250. 1. *a*
 13: 6...164. 2
 14...263. 1
 15: 1...252. 2. *a*
 10...19. 2
 16...246. 2. *a*
 16: 7...156. 2
 17...253. 2
 17: 13...39. 4. *a*
 36...39. 4
 18: 23...119. 1
 30...126. 1, 271.
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 19: 4...285. 1
 25...254. 2. *a*
 25...175. 2
 29...131. 3
 22: 19...106. *a*
 23: 1...251. 2. *b*
 17...73. 2. *a*, 246.
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 25: 17...281. 2. *b*
 29...177. 3
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 3: 5...149. 1
 4: 10...190. 2. *a* (1)
 5: 20...74. *a*
 12: 1...14. *a*
 2...150. 1, 180. *a*
 14...269. 2 (2)
 20...14. *a*
 13: 3...104. *l*
 12...51. 2
 15: 24...94. *e*, 180. *a*
 27...180. *a*, 246.
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 17: 4...266. 3. *a*
 20: 2...254. 5
 8...73. *a*, 149. 1
 21: 13...259. 2
 22: 14...250. 2 (3)
 23: 6...59. *a*
 24: 3...59. *a*, 113. 1
 28...275. 1. *c*
 25: 19...251. 4. *a*
 26: 28...245. 5. *b*
 27: 15...251. 4. *a*
 28: 1...36. 1
 5...249. 1. *a*
 29: 17...245. 5. *b*
 18...125. 1
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 1: 4...\$ 245. 5. *b*
 10...164. *b*
 2: 7...14. *a*, 254. 3
- 3: 3...\$ 247. *a*
 5: 2...119. 1
 12...180. *a*
 6: 42...98. 1
 7: 6...94. *e*
 8: 16...246. 3. *a*
 18...13. *a*
 10: 7...231. 5. *a*
 10...19. 2
 15: 8...246. 3. *a*
 16: 7. 8...119. 1
 12...177. 3
 17: 11...62. 2. *b*, 209.
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 12...282. *c*
 13...275. 1. *c*
 18: 22...249. 2. *b*
 23...38. 4. *a*
 19: 2...112. 5. *c*
 20: 7...105. *a*
 35...96. *a*
 21: 17...125. 1, 260.
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 22: 5...53. 2. *a*
 11...39. 1. *a*
 23: 19...242
 24: 18...249. 2. *b*
 25: 4...254. 7
 26: 15...143. 1, 177. 3
 17...251. 2. *b*
 19...119. 3
 21...193. *a*, 4
 28: 23...94. *e*
 29: 31...65. *b*
 36...245. 5. *b*
 31: 7...148. 1
 14...219. 1. *a*
 32: 15...256. *c*
 30...150. 2 (p.
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 33: 19...199. *c*
 34: 4...126. 1
 5...230. 1. *b*
 6...43. *b*
 35: 13...57. 1
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 3: 11...\$ 95. *c*, 150. 5
 7: 25...39. 4
 8: 18...26
 23...99. 3
 25...98. 1. *a*, 207.
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 26...98. 1. *a*
 29...246. 3. *a*
 31...99. 3
 10: 14...245. 5. *b*
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 17...245. 5. *b*
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 2: 4...111. 2. *e*
 7...111. 2. *b*
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 13...4. *a*, 164. 5
 3: 13...53. 2. *b*, 62. 1
 20...94. *a*
 33...274. 1
 34...210. *c*
 4: 7...216. 2. *c*
 5: 8...255. 1
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 6: 6...177. 1
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- 6: 11...\$ 233. *a*
 7: 34...251. 3
 8: 2...166. 4
 5...106. *a*, 125. 2
 9: 5...161. 4
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 19...249. 1
 26...63. 1. *a*
 28...249. 1. *a*
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 35...249. 1. *c*
 10: 39...94. *b*, 113. 2
 11: 17...150. 2
 12: 44...39. 3. *b*
 13: 13...111. 2. *d*
 16...11. 1. *a*
 23...210. 4
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 2: 8...\$ 126. 1
 9...207. 2. *d*
 4: 3...150. 5
 4...161. 2
 14...127. 1
 16...276. 2
 7: 5...82. 1. *a* (1)
 8: 6...269
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 3: 3...263. 5
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 13...263. 1
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 6...287. 3
 8...263. 1
 5: 7...93. *b*, 257. 1
 16...61. 6. *a*
 18...165. 3
 6: 2...263. 1
 16...96. *b*
 22...60. 3. *b* (2),
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 7: 3...243. 2. *b*
 5...119. 1, 139. 3
 14...104. *j*, 105. *b*
 18...105. *b*
 8: 8...57. 2 (2) *a*,
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 9: 2...92. *b*
 6...88 (pl.)
 15...92. *b*
- 9: 18...\$ 24. *b*, 105. *a*,
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 30...121. 1
 34...105. *b*
 10: 12...19. 2
 22...61. 6. *a*
 11: 3...94. *a*
 12...139. 3
 15...150. 5
 17...97. 1. *a*, 260.
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 12: 14...111. 1
 21...282. *c*
 13: 9...24. *c*
 15...83. *b*
 21...119. 1
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 14: 1...254. 9. *b*
 19...112. 3, 275. 4
 15: 7...227. 1. *a*
 11...260. 2 (2) *b*
 18...121. 2
 22...172. 5
 16: 5...104. *h*
 21...147. 3
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 17: 2...24. *b*
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 23...88 (pl.), 141.
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 20: 4...158. 3
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 21: 5...140. 5
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 22: 3...283. 2
 20...220. 1. *b*
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 23: 3...269. *b*
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 25: 3...220. 1. *b*
 26: 9...180. *a*
 11...161. 4
 27: 3...256. *c*
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 28: 12...245. 5
 29: 3...139. 2
 6...53. 3. *b*
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- 29: 21...\$24. c
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 32: 2...269. b
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 25...180. a
 27...158. 2
 30...159. 2
 34: 5...65. a
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 35: 11...53. 3. a, 111.
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 37: 6...177. 1
 12...61. 6. a
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 38: 1...4. a
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 39: 2...104. g
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 40: 2...268. 1. a
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 41: 1...160. 5
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- 9: 17...\$149. 1
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 10: 2...31. a, 286
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 12: 3...280. 2
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 8...73. 1, 249. 2. b
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 17: 3...139. 2
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 18: 6...104. l
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 27...142. 2
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 19: 6...249. 1
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 23: 6...148. 2, 267. d
 24: 14...131. 3
 25: ...6, 7. 2. a
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 27: 10...112. 3
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 28: 7...150. 2
 29: 9...111. 1
 30: 4...13. a
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 31: 10...31. a
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 33: 5...266. 1
 34: ...6, 7. 2. a
 35: 8...105. a
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 38: 3...131. 1
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 39: 2...97. 1
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 40: 18...71. a (2)
 41: 5...119. 3, 164. 5
 42: 9...220. 1. b
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 44: 5...258. 2
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 47: 5...43. a
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 49: 9...55. 1
 50: 21...112. 3, 282. b
 23...105. b
 51: 6...263. 1
 7...121. 2
 53: 6...220. 1. b
 55: 10...92. c
 16...164. 2
 18...274. 2. a
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 57: 2...172. 1, 275.
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 58: 3...88. (pl.)
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 61: 1...196. b
 62: 4...93. a. bis
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 63: 2...275. 1. c
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 65: 7...112. 5. c
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 94: 1...94. d
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 3: 3....125. 1
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 11: 7....208. 3. c
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 12: 25....197. b
 13: 23....156. 3
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 16: 4....246. 2. a
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 19: 7....19. 2. a, 215.
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 20: 16....111. 3. a
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 22: 11....215. 1. c
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 23: 1....158. 3
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 26: 7....141. 1
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 27: 10....215. 1. c
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 29: 6....140. 1
 30: 4....65. b
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 31: 3....199. a
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 5: 5....113. 2
 7....38. 1. a, 201. 2
 8....112. 5. c
 7: 16....82. 5. a
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 26....91. b, 165. 2
 8: 1....177. 3
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 10: 5....164. 3
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 11: 3....177. 1
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 10....221. 2. b
 15....60. 3. b (2),
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 6: 5....45. 5. a
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 7: 3....221. 6. b
 4....216. 1. c
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 10: 1....207. 2. a,
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INDEX III

HEBREW WORDS ADDUCED OR REMARKED UPON.



Words preceded by Vav Conjunctive or Vav Conversive will be found in their proper place irrespective of these prefixes. A few abbreviations are employed, which are mostly of such a nature as to explain themselves as *v.* verb, *n.* noun, *pron.* pronoun, *adj.* adjective, *adv.* adverb, *int.* interjection, *inf.* infinitive, *imp.* imperative, *pret.* preterite. The numbers refer to the sections of the Grammar.

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POSTSCRIPT



THE folded leaf which follows contains a general view of the inflections of the various kinds of verbs, perfect and imperfect, the rules for the changes to which nouns are liable, the personal pronouns in their separate and suffixed forms, and the different vowels assumed by the inseparable prefixes and the interrogative **מה**. It is designed to be taken out of the book and mounted upon pasteboard. The student will thus have the most material parts of the grammar brought together and exhibited to his eye upon a single page.

Two sections of the grammar have been inadvertently numbered 141 and two 150. To prevent embarrassment from this cause in the use of the indexes, the page is almost always added when the second of the duplicate sections is intended.

425546

Henry

the Hebrew language. Ed. 3.

NAME OF BORROWER.
