## D4. ADJECTIVES

## D4.0 THE DECLENSION OF ADJECTIVES

D4.01 The vast majority of Greek adjectives have twenty-four forms, since an adjective takes the gender, number and case of the word to which it refers. These adjectives are referred to as "adjectives of three terminations", i.e. they have a flexion of terminations for masculine, feminine and neuter genders. A smaller number are "adjectives of two terminations", which have no separate forms for the feminine but use the masculine forms as the personal gender, that is, as being used for both masculine and feminine gender.

D4.02 The greater number of adjectives ( 546 , or $85 \%$ ) are First/Second Declension adjectives: the masculine and neuter gender flexions follow the Second Declension Paradigms D2.1 and D2.2, and the feminine gender flexion follows the First Declension Paradigms: D1.1 if the adjective has an $\rho \ell \varepsilon$ stem, and D1.2 otherwise. However, of these there are eight adjectives which are contracted in - $\varepsilon$ © $\zeta$ or -oos.

D4.03 Some of these adjectives have no separate feminine forms, using the masculine form as personal gender, and thus they lie entirely within the Second Declension. These two-termination Second Declension adjectives are, in general, those that are compounds (including those that commence with " $\alpha$ - privative", which makes a word negative: compare $\pi \iota \sigma \tau o ́ s$, "believing", and $\dot{\alpha} \pi \imath \sigma \tau o \varsigma$, "unbelieving"). But this is not an invariable rule: some compound adjectives are used in the New Testament (and in koine generally) with feminine forms, that is, as three-termination adjectives, and some simplex adjectives, especially if ending in - $\imath 0 \varsigma$, are used as two-termination adjectives.
D4.04 There are 21 adjectives (or $3 \%$ of the 640 which occur in the New Testament) which are First/Third Declension adjectives, having Third Declension forms (from three paradigms) in the masculine and neuter flexions, and First Declension forms (from Paradigms D1.1 and D1.3) in the feminine. The remaining 73 adjectives ( $11 \%$ ) are two-termination adjectives, and thus they lie entirely within the Third Declension (from three paradigms) - they have no separate feminine flexion, and thus their two genders are personal gender and neuter gender.

D4.05 A Greek adjective will frequently be found used with an article but without a noun, and then it implies "man", "woman", or "thing", according to gender. Thus $\dot{o} \kappa \alpha \lambda o ́ s$, "the good man"; $\alpha i \pi \tau \omega \chi \alpha i ́, ~ " t h e ~ p o o r ~ w o m e n " ; ~ \tau o ̀ ~ \mu \varepsilon ́ \lambda \alpha v, ~ " t h e ~ b l a c k ~ t h i n g " ~(u s e d ~ f o r ~ r e f e r r i n g ~ t o ~ " i n k ") . ~$.

D4.06 The adjectives which occur in the New Testament can be classified by paradigm as follows:

## PARADIGM

D4.1 $\ddot{\alpha}^{\prime} \gamma ı o \varsigma, \dot{\alpha} \gamma i \alpha, \alpha \not \alpha \gamma ı o v$ holy
D4.2 $\kappa \alpha \lambda o ́ g$, $\kappa \alpha \lambda \eta$ ๆ́, $\kappa \alpha \lambda o ́ v$ good
D4.3 $\dot{\alpha} \rho \gamma v \rho \circ \hat{\varsigma} \varsigma, \dot{\alpha} \gamma v \rho \hat{\alpha}, \dot{\alpha} \rho \gamma v \rho \circ \hat{v} v$ silvern $\chi \rho v \sigma o v ̂ \varsigma, \chi \rho v \sigma \tilde{\eta}, \chi \rho v \sigma o v ̂ v$ golden

| 8 | 546 | $1 \%$ |
| :--- | :--- | :--- |

D4.4 $\begin{array}{llr}\beta \alpha \rho v i ́ s, ~ \\ \beta \alpha \rho \varepsilon i ̂ \alpha, ~ & \beta \alpha \rho v ́ ~ h e a v y / h a r d ~ & 16 \\ & \end{array}$
D4.5 غ́ккढ́v, غ́коиิ $\sigma \alpha$, $\dot{\varepsilon} \kappa o ́ v ~ w i l l i n g ~$
D4.6 $\pi \hat{\alpha} \varsigma, \pi \hat{\alpha} \sigma \alpha, \pi \hat{\alpha} v$ every, each, all
D4.7 $\dot{\alpha} \lambda \eta \theta \dot{\eta} \varsigma, \dot{\alpha} \lambda \eta \theta \varepsilon ́ \varsigma$ true
D4.8 关 $\phi \rho \omega v$, $\alpha \not \phi \rho o v$ foolish 13
D4.9 $\dot{\alpha} \mu \dot{\eta} \tau \omega \rho, \dot{\alpha} \mu \eta \hat{\eta} \tau o \rho$ motherless
TOTAL NEW TESTAMENT ADJECTIVES:

* indicates a percentage of less than one.

NUMBER 53816

3 588 2 $\underline{2}$


|  | Masculine | Feminine | Neuter | Masculine | Feminine | Neuter |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | D4.1 $\rho \boldsymbol{\rho} \boldsymbol{\varepsilon}$ STEM ADJECTIVES |  |  | D.2 CONSONANT-STEM |  |  |
| $\mathbf{S} \mathbf{N}$ | ${ }_{\alpha}^{\text {ölos }}$ | $\dot{\alpha} \gamma \dot{\chi} \boldsymbol{\alpha}$ | áriov $^{\text {a }}$ | $\kappa \alpha \lambda o ́ s$ | $\kappa \alpha \lambda \dot{\eta}$ | $\kappa \alpha \lambda o ́ v$ |
| V | $\stackrel{\alpha}{\gamma} \gamma \boldsymbol{\text { c }}$ | $\dot{\alpha} \gamma \dot{\sim} \alpha$ | äyıov | $\kappa \alpha \lambda \hat{\varepsilon}$ | $\kappa \alpha \lambda \dot{\prime}$ | к $\alpha \lambda$ óv |
| A | äyıov | $\dot{\alpha} \gamma^{\prime} \alpha{ }^{\prime}$ | äyıov | ко入óv | $\kappa \alpha \lambda \eta \dot{\prime}$ | к $\alpha \lambda$ о́v |
| G | äyiov | $\dot{\alpha} \gamma \dot{\alpha} \alpha^{\prime}$ | áyiov | $\kappa \alpha \lambda$ о̂ | $\kappa \alpha \lambda \eta{ }_{S}$ | $\kappa \alpha \lambda 0 \hat{v}$ |
| D | $\dot{\alpha} \gamma i \underline{\omega}$ | $\dot{\alpha} \gamma \dot{\sim} \underline{\alpha}$ | $\dot{\alpha} \gamma \dot{\text { i }}$ ¢ | $\kappa \alpha \lambda \hat{\omega}$ | $\kappa \alpha \lambda \hat{\eta}$ | $\kappa \alpha \lambda \omega \hat{0}$ |
| P N | वัyıoı |  | $\stackrel{\chi}{\gamma}{ }_{l} \boldsymbol{\alpha}$ | к $\alpha \lambda$ оí | $\kappa \alpha \lambda \alpha i ́$ | $\kappa \alpha \lambda \alpha \dot{1}$ |
| A | áyiovs | $\dot{\alpha} \chi_{i ́ \alpha}$ | व̈ $\chi_{1} \alpha$ | ко入ov́s | $\kappa \alpha \lambda \alpha \alpha^{\prime}$ | $\kappa \alpha \lambda \alpha \dot{\alpha}$ |
| G | $\dot{\alpha} \gamma \mathbf{i} \omega$ v | $\dot{\alpha} \gamma \dot{\omega} \omega$ | $\dot{\alpha} \boldsymbol{\chi} i \omega v$ | $\kappa \alpha \lambda \omega \hat{\nu}$ | $\kappa \alpha \lambda \omega \nu$ | $\kappa \alpha \lambda \hat{\omega} \nu$ |
| D | $\dot{\alpha} \mathbf{\chi}$ iots |  | d'रiols | $\kappa \alpha \lambda 0 i ̂ \varsigma$ | $\kappa \alpha \lambda \alpha \hat{\imath}_{5}$ | $\kappa \alpha \lambda о$ ¢̂ऽ |

## D4.3 CONTRACTED ADJECTIVES: pis STEM

| $\mathbf{S N}$ |  | $\dot{\alpha} \rho \gamma v \rho \bar{\alpha}$ |  |
| :---: | :---: | :---: | :---: |
| A | $\dot{\alpha} \rho \gamma v \rho \circ \underline{\nu}$ | $\dot{\alpha} \rho \gamma \nu \rho \bar{\alpha} \nu$ | $\dot{\alpha} \rho \gamma$ vopovv |
| G | $\dot{\alpha} \rho \gamma v \rho o \hat{v}$ | $\dot{\alpha} \rho \gamma \nu \rho \bar{\alpha}$ ¢ | $\dot{\alpha} \rho \gamma \cup \rho o v$ |
| D | $\dot{\alpha} \rho \gamma v \rho \hat{\oplus}$ | $\dot{\alpha} \rho \gamma \nu \rho \bar{\alpha}$ | $\dot{\alpha} \rho \gamma \cup \rho \underline{Q}$ |
| P N | $\dot{\alpha} \rho \gamma{ }^{\text {¢ }}$ ¢ой | $\dot{\alpha} \rho \gamma v \rho \alpha \hat{1}$ | $\dot{\alpha} \rho \gamma v \rho \bar{\alpha}$ |
| A |  | $\dot{\alpha} \rho \gamma v \rho \hat{\alpha} \varsigma$ | $\dot{\alpha} \rho \gamma v \rho \hat{\alpha}$ |
| G |  | $\dot{\alpha} \rho \gamma v \rho \bar{\omega}$ |  |
| D | $\dot{\alpha} \rho \gamma$ טpoîs | $\dot{\alpha} \rho \gamma \cup \rho \alpha i{ }_{\text {¢ }}$ | $\dot{\alpha} \rho \gamma \cup \rho \circ$ ¢̂s |

## CONSONANT STEM

| $\chi \rho$ ขбovิs | $\chi \rho v \sigma \eta \quad$ | $\chi \rho v \sigma o v ิ v$ |
| :---: | :---: | :---: |
| $\chi \rho v \sigma 0 \hat{v}$ | $\chi \rho v \sigma \eta{ }^{\text {¢ }}$ | $\chi \rho v \sigma 0$ vิv |
| $\chi \rho v \sigma 0 \hat{v}$ | $\chi \rho v \sigma \hat{S}$ | $\chi \rho v \sigma o v$ |
| $\chi \rho v \sigma \hat{\varrho}$ | $\chi \rho v \sigma \hat{\square}$ | $\chi \rho v \sigma \hat{\varphi}$ |
| $\chi \rho v \sigma о \hat{1}$ | $\chi \rho v \sigma \alpha \hat{1}$ | $\chi \rho v \sigma \hat{\alpha}$ |
| $\chi \rho v \sigma 0$ vิs | $\chi \rho v \sigma \alpha{ }_{\zeta}$ | $\chi \rho v \sigma \hat{\alpha}$ |
| $\chi \rho v \sigma \omega ิ$ | $\chi \rho v \sigma \hat{\omega} v$ | $\chi \rho v \sigma \hat{\omega} v$ |
| $\chi \rho v \sigma o i ̂ s$ | $\chi \rho v \sigma \alpha i ¢$ | $\chi \rho v \sigma o i ̂ \varsigma$ |

D4.4-D4.6 FIRST/THIRD DECLENSION THREE-TERMINATION ADJECTIVES

## D4.4 STEM - $\boldsymbol{v} /-\boldsymbol{\varepsilon} \boldsymbol{\varepsilon}$

| S N | $\beta \alpha \rho$ v́s | $\beta \alpha \rho \varepsilon$ î $\alpha$ | $\beta \alpha \rho v$ |
| :---: | :---: | :---: | :---: |
| A | $\beta \alpha \rho v$ v́v | $\beta \alpha \rho \varepsilon i ̂ \alpha \nu$ | $\beta \alpha \rho v$ |
| G | $\beta \alpha \rho \varepsilon ์ \omega \varsigma$ | $\beta<\rho \varepsilon i ́ \alpha$ ¢ | $\beta \alpha \rho \varepsilon ́ \omega \varsigma$ |
| D | $\beta \alpha \rho \varepsilon \grave{\imath}$ | $\beta \alpha \rho \varepsilon$ ía | $\beta \alpha \rho \varepsilon$ ı̂ |
| P N | $\beta \alpha \rho \varepsilon i \iota^{\prime}$ | $\beta \alpha \rho \varepsilon i \alpha \alpha l$ | $\beta \alpha \rho \varepsilon ́ \alpha$ |
| A | $\beta \alpha \rho \varepsilon і$ ¢ | $\beta \alpha \rho \varepsilon i \alpha<$ | $\beta \alpha \rho \varepsilon ́ \alpha$ |
| G | $\beta \alpha \rho \varepsilon ́ \omega v$ | $\beta \alpha \rho \varepsilon \iota \omega ้$ | $\beta \alpha \rho \varepsilon ́ \omega \nu$ |
| D | $\beta \alpha \rho \varepsilon ́ \sigma ı(v)$ | $\beta$ ровíaıs | $\beta \alpha \rho \varepsilon ́ \sigma l(v)$ |

D4.6 STEM - $\alpha v \tau /-\alpha \sigma$

| $\pi \hat{\alpha}_{\varsigma}$ | $\pi \hat{\alpha} \sigma \alpha$ | $\pi \hat{\alpha} \nu$ |
| :---: | :---: | :---: |
| $\pi \alpha \sim \nu \tau \alpha$ | $\pi \hat{\alpha} \sigma \alpha v$ | $\pi \hat{\alpha} \nu$ |
| $\pi \alpha \nu \tau o ́ s$ | $\pi \alpha \dot{\sigma} \eta \varsigma$ | $\pi \alpha \nu \tau o ́ s$ |
| $\pi \alpha \nu \tau i$ | $\pi \alpha \dot{\alpha \prime \square}$ | $\pi \alpha v \tau i$ |
| $\pi \alpha ́ v \tau \varepsilon \varsigma$ | $\pi \hat{\alpha} \sigma \alpha \downarrow$ | $\pi \alpha \dot{\alpha} \tau \alpha$ |
| $\pi \alpha \nu \tau \alpha \varsigma$ | $\pi \alpha \sigma \alpha \varsigma$ | $\pi \alpha \hat{\nu} \tau \alpha$ |
| $\pi \alpha \nu \tau \omega \nu$ | $\pi \alpha \sigma \omega{ }^{\circ}$ | $\pi \alpha \dot{\nu} \tau \omega \nu$ |
| $\pi \hat{\alpha} \sigma \iota(v)$ | $\pi \alpha \dot{\sigma} \alpha ı \varsigma$ | $\pi \hat{\alpha} \sigma l(v)$ |

## D4.7-D4.9 THIRD DECLENSION TWO-TERMINATION ADJECTIVES

|  | Personal | Neuter | Personal |  | Neuter | Personal |
| ---: | :--- | :--- | :--- | :--- | :--- | :--- | Neuter

D4．3 $\chi \rho v \sigma \sigma 0 \hat{\varsigma}$ ，＂golden＂，（occurring 18 times）is contracted from $\chi \rho v \sigma \varepsilon ́ o \varsigma$ ，and follows $\kappa \alpha \lambda o ́ \varsigma$. The other four adjectives of this paradigm，contracted in－ $80 \varsigma$ or－oos（and their frequency in the New Testament）are：$\dot{\alpha} \pi \lambda o \hat{\kappa} \varsigma$ ，＂healthy＂，（contracted from $\dot{\alpha} \pi \lambda o ́ o \varsigma ; 2) ; \delta i \pi \lambda o \hat{v} \varsigma$ ，＂double＂ （from $\delta \iota \pi \lambda o ́ o \varsigma ; 4$ ）；$\tau \varepsilon \tau \rho \alpha \pi \lambda 0 \hat{\jmath} \varsigma$ ，＂fourfold＂（from $\tau \varepsilon \tau \rho \alpha \pi \lambda o ́ o \varsigma ; 1)$ and $\chi \alpha \lambda \kappa \sigma \hat{\imath} \varsigma$＂＂made of copper／brass／bronze＂（from $\chi \alpha ́ \lambda \kappa \varepsilon о \varsigma ; 1)$ ．There are a further three contracted adjectives with a stem in－$\rho \varepsilon \circ \varsigma$ ，and these consequently have e $\hat{\alpha}$－throughout the singular（following $\alpha \dot{\alpha} \gamma 10 \varsigma$ ）instead of－$\hat{\eta}$－．They are：$\dot{\alpha} \rho \gamma v \rho o \hat{v} \varsigma,-\hat{\alpha}$ ，－ov̂v，＂silvern＂（from $\dot{\alpha} \rho \gamma v \rho \varepsilon ์ \sigma \varsigma ; 3$ ）；$\pi \rho \rho \phi \nu \rho o \hat{v} \varsigma,-\hat{\alpha},-o \hat{v}$ ， ＂purple＂（from $\pi о \rho \phi v \rho \varepsilon ́ \sigma \varsigma ; 4$ ）and $\sigma \iota \delta \eta \rho \circ \hat{\jmath} \varsigma$ ，$-\hat{\alpha}$, －ov̂v＂iron＂（from $\sigma \iota \delta \eta \rho \varepsilon ́ o \varsigma ; 5$ ）．There are four adjectives in－$\sigma \circ \varsigma /-00 \varsigma$ which do not contract：véo̧，$-\alpha$ ，ov，＂young＂，＂new＂（23）；ó $\gamma \delta o o \varsigma,-\eta$ ， $-o v, ~ " e i g h t h " ~(5) ; ~ \sigma \tau \varepsilon \rho \varepsilon o ́ \varsigma, ~-\alpha ́, ~-o ́ v, ~ " s o l i d " ~(4) ; ~ a n d ~ v i \pi \eta ́ к о o \varsigma, ~-o v, ~ " o b e d i e n t " ~(3) . ~$

D4．4 The masculine and neuter flexions of $\beta \alpha \rho v^{\prime}$ are Third Declension，and exactly follow $\pi \eta \hat{\eta} v \varsigma$（D3．2）：that is to say，they decline as $\pi \dot{\prime} \lambda \imath \varsigma$ but they have $-v-$ not $-l$－as the stem vowel in the nominative，vocative and accusative singular．The neuter does not take the nominative singular－ऽ suffix（\＃D3．04）．The feminine flexion is formed from the stem $\beta \alpha \rho \varepsilon$－，with compensatory lengthing of the $-\varepsilon$－to $-\varepsilon l$－，as if for the loss of a stem phoneme（these words are thought to have come from an original stem in $-\varepsilon F$－）．The feminine flexion declines as $\kappa \alpha \rho \delta i \alpha$ （Paradigm D1．1；compare $\dot{\alpha} \gamma i ́ \alpha$, D4．1）．Paradigm D4．4 is followed by 13 New Testament adjectives，and together with these there can be classified three irregular adjectives．One of these， $\eta^{\prime} \mu \iota \sigma v \varsigma$ ，$\dot{\eta} \mu i i^{\prime} \varepsilon \iota \alpha$ ，$\eta^{\prime} \mu \imath \sigma v$ ，＂half＂，was declined regularly in accordance with this paradigm in Classical Greek；but in the New Testament（in its five occurrences）it is found only in the neuter， $\eta^{\prime} \mu \iota \sigma v$ ，and has the irregular forms：genitive singular $\dot{\eta} \mu i \sigma o v s$（cf．Paradigm D3．5），and nominative－accusative plural $\dot{\eta} \mu \dot{\prime} \sigma \iota \alpha$ ．The other two irregular adjectives follow the paradigm of $\beta \alpha \rho v{ }^{\prime}$ only in the nominative and accusative singular of the masculine and neuter，and change their stem and their Declension from the genitive singular onwards，and become Second Declension．As usual，the feminine flexion is formed from the stem derived from the genitive singular，and is regular First Declension throughout．These two irregular，mixed－declension adjectives，which are very frequent in use，are：$\pi \circ \lambda \dot{v} \varsigma$ ，$\pi 0 \lambda \lambda \eta \dot{\eta}, \pi 0 \lambda \dot{v}$ ，＂much＂，＂many＂（353），and $\mu \dot{\varepsilon} \gamma \alpha \varsigma$ ，$\mu \dot{\varepsilon} \gamma \alpha \lambda \eta$ ，$\mu \dot{\varepsilon} \gamma \alpha$ ，＂great＂，＂large＂，＂loud＂（of a noise），＂high＂（of a mountain），etc．（194）． These are declined as follows：

IRREGULAR ADJECTIVES OF PARADIGM D4．4

| STEM： | D4．41 half $\left\{\begin{array}{l}\dot{\eta} \mu i \sigma v- \\ \dot{\eta} \mu \tau \sigma\end{array}\right.$ $\dot{\eta} \mu \imath \sigma$－ | D4．42 <br> much，many $\left\{\begin{array}{l}\pi 0 \lambda v- \\ \pi o \lambda \lambda-\end{array}\right.$ |  |  | D4．43 great，large $\left\{_{\mu \varepsilon \gamma \alpha}^{\mu \varepsilon \gamma}\right.$－ ${ }^{\prime} \mu \varepsilon \gamma \alpha \lambda$－ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Neuter | Masculine | Feminine | Neuter | Masculine | Feminine | Neuter |
| S N | $\eta ँ \mu \iota \sigma v$ | тодús | $\pi 0 \lambda \lambda \lambda \dot{\prime}$ | $\pi 0 \lambda v$ | $\mu \hat{\chi} \gamma \alpha \varsigma$ | $\mu \varepsilon \gamma \alpha \chi \lambda \eta$ | $\mu \varepsilon ́ \gamma \alpha$ |
| A | $\eta{ }^{\prime \prime} \mu \tau \sigma$ | то入óv | $\pi о \lambda \lambda \dot{\eta} v$ | $\pi$ тои́ | $\mu \varepsilon ̇ \gamma \alpha v$ | $\mu \varepsilon \gamma \alpha{ }^{\prime} \lambda \eta \nu$ | $\mu \dot{\varepsilon} \gamma \alpha$ |
| G | $\dot{\eta} \mu \mathrm{i} \sigma$ оvs | $\pi о \lambda \lambda 0 \hat{v}$ | $\pi \sigma \lambda \lambda \tilde{\eta} \varsigma$ | $\pi 0 \lambda \lambda 0 \hat{v}$ | $\mu \varepsilon \gamma \alpha \dot{\lambda} \lambda o v$ | $\mu \varepsilon \gamma \alpha$ 人̇ $\eta$ S | $\mu \varepsilon \gamma \alpha$ 人̇ ${ }^{\text {c }}$ |
| D | $\dot{\eta} \mu \dot{\prime} \sigma \varepsilon ⿺$ | $\pi о \lambda \lambda \omega \underline{\square}$ | $\pi о \lambda \lambda \tilde{\square}$ | $\pi \bigcirc \lambda \lambda \hat{\varphi}$ | $\mu \varepsilon \gamma \alpha \dot{\lambda} \lambda \omega$ | $\mu \varepsilon \gamma \dot{\alpha} \lambda \eta$ | $\mu \varepsilon \gamma \dot{\alpha} \lambda \omega$ |
| P $\mathbf{N}$ | $\dot{\eta} \mu i \iota^{\prime} \chi^{\alpha}$ | $\pi о \lambda \lambda o i^{\prime}$ | $\pi 0 \lambda \lambda \alpha i^{\prime}$ | $\pi о \lambda \lambda \alpha \dot{\alpha}$ | $\mu \varepsilon \gamma \alpha \alpha^{\prime}$ or | $\mu \varepsilon \gamma \alpha{ }^{\prime} \lambda \alpha \downarrow$ | $\mu \varepsilon \gamma \alpha \dot{\chi} \lambda \alpha$ |
| A |  | тодגоv́s | $\pi о \lambda \lambda \alpha \varsigma^{\prime}$ | $\pi о \lambda \lambda \alpha \dot{1}$ | $\mu \varepsilon \gamma \alpha ́ \lambda o v s$ | $\mu \varepsilon \gamma \alpha \bar{\lambda} \alpha{ }^{\text {c }}$ | $\mu \varepsilon \gamma \dot{\alpha} \lambda \alpha$ |
| G | ¢иا | $\pi о \lambda \lambda \omega \bar{\nu}$ | $\pi о \lambda \lambda \omega{ }^{\text {a }}$ | $\pi о \lambda \lambda \omega ิ$ | $\mu \varepsilon \gamma \alpha \chi \lambda \omega \nu$ | $\mu \varepsilon \gamma \alpha \chi \lambda \omega \nu$ | $\mu \varepsilon \gamma \alpha \dot{\lambda} \omega \nu$ |
| D | － | тоддоīऽ | $\pi о \lambda \lambda \alpha i \bar{s}$ | $\pi$ тлдoîs |  | $\mu \varepsilon \gamma \alpha \bar{\lambda} \alpha \iota^{\prime}$ | $\mu \varepsilon \gamma \alpha{ }^{\prime}$ оıs |

## D4．43 <br> great，large ${ }_{\{ }^{\mu \varepsilon \gamma \alpha-}$ <br> ${ }^{\prime} \mu \varepsilon \gamma \alpha \lambda$－

 the only two adjectives in Paradigm D4．5，were originally participles，and they decline like participles，following the declension of $\lambda \hat{v} \omega v$ ，$\lambda \hat{v} o v \sigma \alpha, \lambda \hat{v} o v$（see \＃D5．11）．

D4.6 It can be seen that $\pi \hat{\alpha} \varsigma$, "all" (1226), exactly follows Paradigm D3.20 - in the nominative singular of the masculine, when the suffix $-\varsigma$ has been added to the stem $\pi \alpha \nu \tau$ - first the $-\tau$ and then the $-v$ have given way before the sibilant, thus producing the form $\pi \hat{\alpha} \varsigma$ (with long $-\alpha-$ ). No $-\varsigma$ suffix is added in the neuter nominative singular, so the form is derived from the stem, being first $\pi \alpha \nu \tau$ and then (as $\tau$ cannot stand as the final letter of a word, \#D3.07) it becomes $\pi \hat{\alpha} v$. The feminine ending is $-\sigma \alpha$, and when this is added to the stem $\pi \alpha v \tau$ the $-\tau$ and the $-v$ are lost and the form $\pi \hat{\alpha} \sigma \alpha$ results. The feminine stem is thus $\pi \alpha \sigma$-, and therefore it follows the sibilant-stem First Declension Paradigm D1.3, with $-\eta$ - in genitive and dative singular. The only other regular adjective of Paradigm D4.6 is $\ddot{\alpha} \pi \alpha_{\varsigma}$ (35), also meaning "all"; and in addition the Paradigm of $\pi \hat{\alpha} \varsigma$ is followed by all participles in - $\alpha \varsigma$ (\#D5.12, \#D5.31 and \#D5.32). Another adjective, $\mu \varepsilon ́ \lambda \alpha \varsigma$, $\mu \varepsilon ́ \lambda \alpha \iota v \alpha$, $\mu \varepsilon ́ \lambda \alpha \nu$, "black", "ink" (6), is similar to $\pi \hat{\alpha} \varsigma$ in the masculine and neuter flexions, but it is from the stem $\mu \varepsilon \lambda \alpha \nu$ - (genitive $\mu \varepsilon ́ \lambda \alpha \nu O \varsigma$ ), and it has the irregularly-formed feminine $\mu \varepsilon ́ \lambda \alpha \nu v \alpha$, which declines like $\delta \delta \dot{\delta} \xi \alpha$, Paradigm D1.3.

D4.7 $\dot{\alpha} \lambda \eta \theta \theta \dot{\eta} \varsigma, \dot{\alpha} \lambda \eta \theta \dot{\varepsilon} \varsigma$, "true" (26), is a two-termination adjective, that is, the form $\dot{\alpha} \lambda \eta \theta \eta \dot{\eta} \varsigma$ is personal gender, serving for both masculine and feminine. This adjective is of the same paradigm type as the noun $\gamma \dot{\varepsilon} v o \varsigma, \gamma \dot{\varepsilon} v o v \varsigma$ (D3.5) - the stem is $\dot{\alpha} \lambda \eta \theta \varepsilon \sigma$ - and in the personal gender nominative singular this takes the usual $-\varsigma$ suffix to become first of all " $\dot{\alpha} \lambda \eta \theta \varepsilon \sigma \varsigma$ ", and then the two sigmas simplify to one (\#E2.67), giving $\dot{\alpha} \lambda \eta \theta \dot{\varepsilon} \varsigma$, and then the final vowel (being followed by a single consonant only, \#D3.09), lengthens to produce $\dot{\alpha} \lambda \eta \theta \dot{\eta} \varsigma$. The neuter nominative singular is the stem $\dot{\alpha} \lambda \eta \theta \dot{\varepsilon} \varsigma$, without taking any $-\varsigma$ suffix, and without the lengthening of the final vowel. However, it will be noticed that in the case of an adjective in stem - $\varepsilon \varsigma$, this final vowel remains $-\varepsilon$ in the nominative-vocative-accusative singular (in contrast with the noun, where the final $-\varepsilon$ - of the stem is transformed into $-0-$, giving the nominative singular form $\gamma \dot{\varepsilon} v o \varsigma$, not " $\gamma \varepsilon v \varepsilon \varsigma$ "). As in the case of $\gamma \dot{\varepsilon} v o \varsigma$, the $-\sigma$ - of the adjective stem is syncopated (that is, "squeezed out": \#E2.5) when it falls between two vowels, and these vowels then contract, giving $\dot{\alpha} \lambda \eta \theta \hat{\eta}$ (for $\dot{\alpha} \lambda \eta \theta \dot{\varepsilon} \alpha$ ), and so forth. The adjective $\sigma v \gamma \gamma \varepsilon v \eta_{\text {g. ", "kindred" (11), is worthy of special note: in the New Testament it }}$ is used only in the masculine (personal gender, with masculine article) meaning "kinsman", "relative"; and it has, as well as its usual regular dative plural $\sigma v \gamma \gamma \varepsilon v \varepsilon ́ \sigma \iota v$, an irregular alternative $\sigma v \gamma \gamma \varepsilon v \in v \hat{\sigma} l v$, formed as if from $\sigma v \gamma \gamma \varepsilon v \varepsilon \tilde{v} \varsigma$. There are 58 adjectives of Paradigm D4.7 in the New Testament.

D4.8 $\ddot{\alpha} \phi \rho \omega \nu, \alpha \ddot{\alpha} \phi \rho o v$, "foolish" (11), is a two-termination adjective with stem in -ov, i.e. of the same paradigm type as $\dot{\eta} \gamma \varepsilon \mu \hat{\omega} v$, $\dot{\eta} \gamma \varepsilon \mu o ́ v o \varsigma ~(D 3.16)$. The nominative singular suffix $-\varsigma$ of the personal gender does not hold on the liquid of the stem ö́申oov- and then the final vowel (being followed by just a single stem consonant, \#D3.09), lengthens to produce $\dot{\alpha} \phi \rho \omega v$. In accordance with the rule, this lengthening does not occur in the neuter nominative singular. There are thirteen adjectives of Paradigm D4.8 in the New Testament.

D4.9 $\dot{\alpha} \mu \eta \dot{\eta} \tau \omega \rho, \dot{\alpha} \mu \eta \hat{\eta} \tau o \rho$, "motherless" (1), and $\dot{\alpha} \pi \dot{\alpha} \tau \omega \rho$, $\dot{\alpha} \pi \hat{\alpha} \tau o \rho$, "fatherless" (1), the only two adjectives of Paradigm D4.9 in the New Testament, follow the declension of $\dot{\alpha} \lambda \dot{\varepsilon} \kappa \tau \omega \rho$, D3.13. Each occurs only once, in the personal nominative singular (in Hebrews 7:3).

## D5. PARTICIPLES

## D5.0 THE DECLENSION OF PARTICIPLES

D5.01 A participle can be formed for each Greek aspect and each voice (and also for the future tense - though future participles are very infrequent in the New Testament). The participle is formed from the appropriate tense stem by the addition of the appropriate participle morph and numbercase ending.

D5．02 The participle morphs，and their Declensions，are：

VOICE TENSE
Active：Present，future，and aorist Perfect
Middle：All tenses
Passive：The aorist takes the active morphs： The future takes the middle morphs：

MASC．and NEUT．
$-v \tau$（D3）
$-o \varsigma /-o \tau$（D3）
$-\mu \varepsilon v-o$（D2）
$-\nu \tau$（D3）
$-\mu \varepsilon v-o$（D2）

FEMININE
$-\sigma \alpha$（D1．3）
－vı $\alpha$（D1．1）
$-\mu \varepsilon v-\eta$（D1．2）
$-\sigma \alpha$（D1．3）
$-\mu \varepsilon v-\eta$（D1．2）

The usual phonemic modifications then occur．
D5．03 All participles have 24 forms，like three－termination adjectives，to permit agreement of number，case，and gender．The active voice participles and the aorist passive participle follow the Third Declension for their masculine and neuter flexions，and follow the First Declension for their feminine flexion．The middle voice participles and the future passive participle follow the Second Declension for their masculine and neuter flexions，and follow the First Declension for their feminine flexion．
D5．04 As would be expected（see \＃9．56；\＃C2．01），Second Conjugation verbs form their aorist active participles by adding their participle morph，$-v \tau$ ，to the neutral morph．Thus for example the active participle from the second aorist $\varepsilon i \delta \delta o v$ is $\mathfrak{i} \delta \omega \dot{v}$ ，i $\delta o \hat{v} \sigma \alpha$ ，i $\delta o ́ v$ ，masculine／neuter genitive íóv$\tau \tau O \varsigma$ ，and it declines in accordance with the paradigm of $\lambda v v^{\prime} \omega v, \lambda v v^{\prime} v \sigma \alpha, \lambda v \bar{v} v, \mathrm{D} 5.11$ ．

D5．05 Third Conjugation verbs form their participles by adding the participle morph directly to their tense stem（see \＃9．57；\＃C3．01）．Third Conjugation participles differ from others in that the $-\varsigma$ of the nominative singular ending always dislodges the $-v$ of the stem，instead of sliding off it． Thus the present active participle from $\delta_{i} \delta \omega \mu \iota$ has the stem $\delta i \delta o-v \tau$－，and in the masculine nominative singular this becomes $\delta i \delta o v \tau \zeta \rightarrow \delta i \delta o v \varsigma \rightarrow \delta i \delta o \varsigma \rightarrow \delta i \delta o v \varsigma$ not＂$\delta i \delta \omega v$＂（see the compensatory lengthening rule in \＃D3．09）．The verb $\varepsilon i \mu i ́$ is the exception to this rule for Third Conjugation participles：its participles are $\omega^{\circ} v$ ，$o v ๋ \sigma \alpha$ ，őv，and follow $\lambda v ́ \omega v$ ．
D5．06 The paradigms of the declension of First and Third Conjugation participles are given in parallel columns for each tense，to facilitate comparison．There are no Second Conjugation paradigms set out here as the second aorist active and middle adds the neutral morph and the participle morph to the verb stem and then exactly follows the paradigm of the present participle of $\lambda v ́ \omega$（active or middle as the case may be）；and the other tenses of the Second Conjugation follow the First Conjugation in forming and declining their participles．

## D5．1 FIRST CONJUGATION PARADIGMS

|  | Masculine | Feminine | Neuter |
| :---: | :---: | :---: | :---: |
|  | D5．11 PRESENT ACTIVE（ $\lambda$ v́ $\omega$ ） |  |  |
| S N | $\lambda v$ v́ | $\lambda v$ ט́ov $\sigma \alpha$ | $\lambda$ ט̂ov |
| A | $\lambda$ v́ovт $\alpha$ | $\lambda$ v́ov $\sigma \alpha v$ | $\lambda$ vov |
| G | 入v́ovtos | $\lambda$ ขov́бทร | 入vovotos |
| D | $\lambda$ v́ov $\frac{1}{}$ | $\lambda v o v ์ \sigma!̣$ | $\lambda$ ข́ovтı |
| P N | $\lambda$ 人́ovt¢ร | $\lambda$ ข́ov $\sigma \alpha \downarrow$ | $\lambda$ v́ov $\tau \alpha$ |
| A | $\lambda$ ט́ovtas | $\lambda v o v ์ \sigma \alpha \varsigma$ | $\lambda$ v́ov $\tau \alpha$ |
| G | $\lambda v o ́ v \tau \omega v$ | $\lambda$ vovoलิv | 入vóv $\frac{1}{}$ |
| D | $\lambda$ v́ov ${ }^{\text {c }}$（v） | $\lambda v o v ์ \sigma \alpha ı \varsigma$ | $\lambda$ vovol（v） |

## D5．3 THIRD CONJUGATION PARADIGMS

Masculine Feminine Neuter

## D5．31 PRESENT ACTIVE（ $\tau i ́ \theta \eta \mu \tau$ ）

| $\tau \iota \theta \varepsilon i ́ \zeta$ | $\tau \imath \theta \varepsilon i \sigma \sigma \alpha$ | $\tau \imath \theta \dot{\varepsilon} v$ |
| :---: | :---: | :---: |
| $\tau \iota \theta$ ¢́v $\tau \alpha$ | $\tau \iota \theta \varepsilon i ̂ \sigma \alpha \nu$ | $\tau \iota \theta \dot{\varepsilon} v$ |
| $\tau \iota \theta \varepsilon ́ v \tau O \varsigma$ | $\tau \imath \theta$ cí ${ }^{\text {¢ }}$ | $\tau \iota \theta \varepsilon ́ v \tau O \varsigma$ |
| $\tau \iota \theta \varepsilon ์ v \tau \iota$ | $\tau \iota \theta \varepsilon i ́ \sigma \eta!$ | $\tau \iota \theta \varepsilon ́ v \tau \iota$ |
| $\tau \iota \theta \varepsilon ́ v \tau \varepsilon \varsigma$ | $\tau \iota \theta \varepsilon i ̂ \sigma \alpha \iota$ | $\tau \iota \theta \varepsilon ́ v \tau \alpha$ |
| $\tau \iota \theta \varepsilon ́ v \tau \alpha \varsigma$ | $\tau \imath \theta \varepsilon i ́ \sigma \alpha$ ऽ | $\tau \imath \theta \varepsilon ์ \nu \tau \alpha$ |
| $\tau \iota \theta \varepsilon ́ v \tau \omega \nu$ | $\tau \imath \theta \varepsilon ı \sigma \hat{\nu}$ | $\tau \iota \theta \varepsilon ́ v \tau \omega \nu$ |
| $\tau \iota \theta \varepsilon i ̂ \sigma l(v)$ | $\tau \iota \theta \varepsilon i ́ \sigma \alpha ı \zeta$ | $\tau \iota \theta \varepsilon i ิ \sigma l(v)$ |

THIS PARADIGM is followed by

NOTE THAT the masculine and neuter
flexions follow Paradigm D3．18，$\alpha \rho \chi \omega v$. The feminine flexion follows Paradigm D1．3，$\delta o ́ \xi \alpha$ ．Paradigm D5．11 is followed by：the present active of all C1 and C2 verbs，and the aorist active of C 2 verbs．
$\delta i \delta o v ́ s$ ．The masculine and neuter flexions are identical with noun Paradigm D3．19； the feminine flexion follows Paradigm D1．3，$\delta o ́ \xi \alpha$ ．Declined similarly are i $\sigma \tau \alpha ́ \varsigma$ and $\delta \varepsilon \iota \kappa v v \varsigma_{\varsigma}$（in accordance with Para－ digm D3．20）．

D5．12 AORIST ACTIVE（ $\lambda \boldsymbol{v} \omega$ ）

| S N | $\lambda v$ 人 $\alpha$ | $\lambda v$ v́ $\alpha \sigma \alpha$ | $\lambda \hat{\sigma} \sigma \alpha v$ |
| :---: | :---: | :---: | :---: |
| A | $\lambda v$ ט́ $\alpha v \tau \alpha$ | $\lambda v ́ \sigma \alpha \sigma \alpha \nu$ | $\lambda \hat{v} \sigma \alpha v$ |
| G | $\lambda v$ ט́ $\alpha$ 人vos | $\lambda v \sigma \alpha \dot{\sigma} \eta \varsigma$ | $\lambda v$ ט́ $\alpha v \tau \circ \varsigma$ |
| D | $\lambda v ́ \sigma \alpha v \tau \iota$ | $\lambda v \sigma \alpha ́ \sigma!̣$ | $\lambda v$ ט́ $\alpha v \tau \imath$ |
| P N | $\lambda v$ ¢ $\sigma \nu \tau \varepsilon \varsigma$ | $\lambda v$ ט́ $\alpha \sigma \sigma$ ı | $\lambda v \sigma \alpha \nu \tau \alpha$ |
| A | $\lambda v ́ \sigma \alpha v \tau \alpha \varsigma$ | $\lambda v \sigma \alpha ́ \sigma \alpha \varsigma$ | $\lambda v \sigma \alpha v \tau \alpha$ |
| G | $\lambda v \sigma \alpha \dot{\nu} \tau \omega v$ | $\lambda v \sigma \alpha \sigma \omega v$ | $\lambda v \sigma \alpha{ }^{\prime} v \tau \omega$ |
| D | $\lambda v{ }^{\prime} \alpha \sigma l(v)$ | $\lambda v \sigma \alpha \dot{\sigma} \alpha \iota \varsigma$ | $\lambda v ́ \sigma \alpha \sigma l(v)$ |

NOTE THAT this Paradigm is identical with that for $\pi \hat{\alpha} \varsigma$（D4．6）and with those for Third Conjugation verbs with participles in $-\alpha \varsigma$（D5．31；D5．32）：i $\sigma \tau \alpha ́ \varsigma$ and $\sigma \tau \alpha ́ \varsigma$ （í $\sigma \tau \eta \mu \imath$ ），and－$\beta \alpha \dot{\varsigma}$－$\beta \alpha i ́ v \omega$ ）．All First Conjugation aorist active participles follow $\lambda v ́ \sigma \alpha \varsigma$ ．

## D5．32 AORIST ACTIVE（ $\tau i ́ \theta \eta \mu \imath$ ）

| 日cís | $\theta \varepsilon i ิ \sigma \alpha$ | $\theta \varepsilon ́ v$ |
| :---: | :---: | :---: |
| $\theta \varepsilon ́ v \tau \alpha$ | $\theta \varepsilon i ̂ \sigma \alpha \nu$ | $\theta \varepsilon ́ v$ |
| $\theta \varepsilon ́ v \tau O \varsigma$ | $\theta$ өíons | $\theta \varepsilon ́ v \tau 0 \varsigma ~$ |
| $\theta \varepsilon ́ v \tau \iota$ | $\theta \varepsilon i ̂ \sigma \square ़ ~$ | $\theta \varepsilon ́ v \tau \imath$ |
| $\theta \varepsilon ́ v \tau \varepsilon \varsigma$ | $\theta \varepsilon i \sigma \alpha<l$ | $\theta \varepsilon ́ v \tau \alpha$ |
| $\theta \varepsilon ́ v \tau \alpha \varsigma$ | $\theta \varepsilon i ́ \sigma \alpha \varsigma$ | $\theta \varepsilon ́ v \tau \alpha$ |
| $\theta \varepsilon ́ v \tau \omega \nu$ | $\theta \varepsilon ı \sigma \hat{\nu}$ | $\theta \varepsilon ́ v \tau \omega \nu$ |
| $\theta \varepsilon i ̄ \sigma ı(v)$ | Өєíб人ıऽ | $\theta \varepsilon i ̂ \sigma l(v)$ |

THIS PARADIGM is followed by $\dot{\alpha} \phi \varepsilon i ́ \zeta$ （ $\dot{\alpha} \phi i ́ \eta \mu \imath$ ），$\delta o v ́ s ~(\delta i ́ \delta \omega \mu \imath), \sigma \tau \alpha ́ s ~(i ̋ \sigma \tau \eta \mu \imath)$ ， －$\beta \dot{\alpha} \varsigma ~(-\beta \alpha i ́ v \omega)$ ，$\gamma v o v ́ \varsigma ~(\gamma \imath \nu \omega ́ \sigma \kappa \omega)$ ，and other C3 aorist participles．The present participle differs from the aorist only in having the durative morph（but note that $-\beta \alpha i v \omega$ and $\gamma \iota v \omega ́ \sigma \kappa \omega$ are First Conju－ gation in the present tense）．

## D5．13 PERFECT ACTIVE（ $\lambda \boldsymbol{v} \omega$ ）

| $\mathbf{S} \mathbf{N}$ | $\lambda \varepsilon \lambda v \kappa \omega ́ \varsigma$ | $\lambda \varepsilon \lambda v \kappa v i ̂ \alpha$ | $\lambda \varepsilon \lambda v \kappa o ́ s$ |
| ---: | :--- | :--- | :--- |
| $\mathbf{A}$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \alpha$ | $\lambda \varepsilon \lambda v \kappa v i ̂ \alpha v$ | $\lambda \varepsilon \lambda v \kappa o ́ \varsigma$ |
| $\mathbf{G}$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau O \varsigma$ | $\lambda \varepsilon \lambda v \kappa v i ́ \alpha \varsigma$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau O \varsigma$ |
| $\mathbf{D}$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \imath$ | $\lambda \varepsilon \lambda v \kappa v i ́ \alpha$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \imath$ |
| $\mathbf{P} \mathbf{N}$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \varepsilon \varsigma$ | $\lambda \varepsilon \lambda v \kappa v i ̂ \alpha \imath$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \alpha$ |
| $\mathbf{A}$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \alpha \varsigma$ | $\lambda \varepsilon \lambda v \kappa v i ́ \alpha \varsigma$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \alpha$ |
| $\mathbf{G}$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \omega v$ | $\lambda \varepsilon \lambda v \kappa v ı \omega v$ | $\lambda \varepsilon \lambda v \kappa o ́ \tau \omega v$ |
| $\mathbf{D}$ | $\lambda \varepsilon \lambda v \kappa o ́ \sigma l(v)$ | $\lambda \varepsilon \lambda v \kappa v i ́ \alpha \varsigma$ | $\lambda \varepsilon \lambda v \kappa o ́ \sigma l(v)$ |

NOTE THAT the masculine and neuter flexions correspond with Paradigm D3．10， $\phi \hat{\omega} \varsigma$（but with short－o－stem）．The feminine flexion follows Paradigm D．1，к $\alpha \rho \delta i ́ \alpha$ ．The stem is $-0 \varsigma$ in the masculine nominative singular，and neuter nominative and accusative singular，and thereafter is $-0 \tau$－．

## D5．33 PERFECT ACTIVE（ $\boldsymbol{i} \sigma \tau \eta \mu \imath$ ）

| $\dot{\varepsilon} \sigma \tau \omega \varsigma$ | $\dot{\varepsilon} \sigma \tau \hat{\omega} \sigma \alpha$ | $\dot{\varepsilon} \sigma \tau o ́ \varsigma$ |
| :---: | :---: | :---: |
| $\dot{\varepsilon} \sigma \tau \omega \tau \alpha$ | $\dot{\varepsilon} \sigma \tau \omega \sigma \alpha \nu$ | غ́ $\sigma \tau$ ós |
| $\dot{\varepsilon} \sigma \tau \hat{\omega} \tau \bigcirc \bigcirc$ | $\dot{\varepsilon} \sigma \tau \omega \dot{\sigma}$ ¢ | $\dot{\varepsilon} \sigma \tau \hat{\omega} \tau \bigcirc \bigcirc$ |
| $\dot{\varepsilon} \sigma \tau \hat{\omega} \tau \iota$ | $\dot{\varepsilon} \sigma \tau \omega \sigma \square$ | $\dot{\varepsilon} \sigma \tau \omega \tau \iota$ |
| $\dot{\varepsilon} \sigma \tau \hat{\omega} \tau \varepsilon \varsigma$ | $\dot{\varepsilon} \sigma \tau \hat{\omega} \sigma \alpha \downarrow$ | $\dot{\varepsilon} \sigma \tau \omega \tau \alpha$ |
| $\dot{\varepsilon} \sigma \tau \omega \tau$ | $\dot{\varepsilon} \sigma \tau \omega \sigma$ ¢ | $\dot{\varepsilon} \sigma \tau \hat{\omega} \tau \alpha$ |
| $\dot{\varepsilon} \sigma \tau \omega \tau$ | $\dot{\varepsilon} \sigma \tau \omega \sigma \hat{\omega} v$ | $\dot{\varepsilon} \sigma \tau \omega \dot{\tau} \omega \nu$ |
| $\dot{\varepsilon} \sigma \tau \omega \tau \sigma l(v)$ | $\dot{\varepsilon} \sigma \tau \omega \alpha^{\prime}$ | $\dot{\varepsilon} \sigma \tau \omega \sigma l(v)$ |

NOTE：í $\sigma \tau \eta \mu \imath$ has two perfect par－ ticiples，both with identical meaning， ＂standing＂（intransitive）：$\dot{\varepsilon} \sigma \tau \omega \varsigma$（as above； 57 or more occurrences），and $\dot{\varepsilon} \sigma \tau \eta \kappa \omega ́ s$ （follows D5．13； 18 or more occurrences）： in some places the manuscript evidence is divided between the two．

## D5．14 PRESENT MIDDLE AND PASSIVE（ $\lambda \boldsymbol{v} \omega$ ）

| S N | дขóurvos | $\lambda v o \mu \varepsilon ́ v \eta$ |  |
| :---: | :---: | :---: | :---: |
| A | $\lambda$ vóúvov | $\lambda$ vouév ${ }^{\text {d }}$ v | $\lambda$ ขóucvov |
| G | $\lambda v o \mu \varepsilon ́ v o v ~$ | $\lambda$ voućvךร | $\lambda$ voućvov |
| D | $\lambda v o \mu \varepsilon ́ v \varphi$ | $\lambda v o \mu \varepsilon ́ v \emptyset ̣ ~$ | $\lambda$ дооцє́v¢ |
| P N | $\lambda$ ขóucvor | $\lambda$ vóucvat | $\lambda v o ́ \mu \varepsilon v \alpha$ |
| A | $\lambda$ дооє́vovऽ | $\lambda v o \mu \varepsilon ́ v a s$ | $\lambda v o ́ \mu \varepsilon v \alpha$ |
| G | $\lambda v o \mu \varepsilon ́ v \omega v$ | $\lambda v o \mu \varepsilon ́ v \omega v$ | $\lambda v o \mu \varepsilon ́ v \omega v$ |
| D | $\lambda v o \mu \varepsilon ́ v o l s ~$ | $\lambda v o \mu \varepsilon ́ v o l \varsigma ~$ | $\lambda v o \mu \varepsilon ́ v o r s ~$ |

THIS PARADIGM is identical with D4．2．

## D5．34 PRESENT MIDDLE AND PASSIVE（ $\delta i \delta \delta \omega \mu$ ）

| סiסónevos | $\delta i \delta o \mu \varepsilon ́ v \eta$ | $\delta_{t} \delta o ́ \mu \varepsilon v o v$ |
| :---: | :---: | :---: |
| סıסóncvov | $\delta i \delta o \mu \varepsilon ́ v \eta \eta$ |  |
| $\delta_{i} \delta$ O$\mu$ ¢́vov |  | סi $\delta$ oućvov |
| $\delta i \delta o \mu \varepsilon ́ v \varphi$ | $\delta i \delta o \mu \varepsilon ́ v \geqslant \square$ | $\delta i \delta o \mu \varepsilon ́ v \varphi$ |
|  | $\delta t \delta o ́ \mu \varepsilon v \alpha t$ | $\delta i \delta o ́ \mu \varepsilon v \alpha$ |
| ¢iठoućvovs | סidoućvas | $\delta i \delta o ́ \mu \varepsilon v \alpha$ |
| $\delta \delta \delta o \mu \varepsilon ́ v \omega \nu$ | סiठoućv $\omega$ v | $\delta i \delta o \mu \varepsilon ́ v \omega v$ |
| $\delta i \delta o \mu \varepsilon ́ v o r ¢ ~$ | $\delta i \delta o \mu \varepsilon ́ v o l \varsigma ~$ |  |

SO ALSO the other C3 verbs．

## D5．15 AORIST MIDDLE（ $\boldsymbol{\lambda} \boldsymbol{v} \omega$ ）

| N | $\lambda v \sigma \alpha ́ \mu \varepsilon v o \varsigma$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \eta$ | $\lambda v \sigma \alpha ́ \mu \varepsilon v o v$ |
| :---: | :---: | :---: | :---: |
| A | $\lambda v \sigma \alpha ́ \mu \varepsilon v o v$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \eta \nu$ | $\lambda v \sigma \alpha ́ \mu \varepsilon v o v$ |
| G | $\lambda v \sigma \alpha \mu \varepsilon ́ v o v$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \eta \zeta$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v o v$ |
| D | $\lambda v \sigma \alpha \mu \varepsilon ́ v \omega$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \eta ᄁ$ | $\lambda v \sigma \alpha \mu \varepsilon ์ v \varphi$ |
| $\mathbf{P} \mathbf{N}$ | $\lambda v \sigma \alpha \alpha^{\prime \prime} \varepsilon v o ı$ | $\lambda v \sigma \alpha{ }^{\mu} \mu \varepsilon v \alpha$ | $\lambda v \sigma \alpha ́ \mu \varepsilon v \alpha$ |
| A | $\lambda v \sigma \alpha \mu \varepsilon ́ v o v s$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \alpha \varsigma$ | $\lambda v \sigma \alpha ́ \mu \varepsilon v \alpha$ |
| G | $\lambda \nu \sigma \alpha \mu \varepsilon ́ v \omega v$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \omega v$ | $\lambda v \sigma \alpha \mu \varepsilon ́ v \omega v$ |
| D | $\lambda \nu \sigma \alpha \mu \varepsilon ́ v o ı \varsigma ~$ | $\lambda v \sigma \alpha \mu \bar{v}$ 人ıऽ | $\lambda v \sigma \alpha \mu \varepsilon ́ v o ı s$ |

## D5．35 AORIST MIDDLE（ $\tau i ́ \theta \eta \mu \imath$ ）

| өе́ццvos | $\theta \varepsilon \mu \varepsilon ́ v \eta$ | өе́ $\mu$ vvov |
| :---: | :---: | :---: |
|  | $\theta \varepsilon \mu \varepsilon ́ v \eta \nu$ | $\theta \varepsilon ́ \mu \varepsilon v o v ~$ |
| $\theta \varepsilon \mu \varepsilon ́ v o v ~$ | $\theta \varepsilon \mu \varepsilon ์ v \eta \zeta$ | $\theta \varepsilon \mu \varepsilon ́ v o v ~$ |
| $\theta \varepsilon \mu \varepsilon ́ v \varphi$ | $\theta \varepsilon \mu \varepsilon ์ v \geqslant \square$ | $\theta \varepsilon \mu \varepsilon ́ v \varphi$ |
| ө乇́ $\mu$ ¢voı |  | $\theta \varepsilon ́ \mu \varepsilon v \alpha$ |
| өعนе́vovs | $\theta \varepsilon \mu \varepsilon ́ v \alpha ¢$ | $\theta \varepsilon ́ \mu \varepsilon v \alpha$ |
| $\theta \varepsilon \mu \varepsilon ́ v \omega \nu$ | $\theta \varepsilon \mu \varepsilon ́ v \omega$ v | $\theta \varepsilon \mu \varepsilon ́ v \omega v$ |
| өє $\mu$ ¢́vors | $\theta \varepsilon \mu \varepsilon ́ v \alpha ı \varsigma ~$ | $\theta \varepsilon \mu \varepsilon ́ v o t \varsigma ~$ |

## D5．36 PERFECT MIDDLE AND PASSIVE

## NO THIRD CONJUGATION FORMS ARE FOUND <br> IN THE NEW TESTAMENT

| S N |  | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \eta$ | $\lambda \varepsilon \lambda \lambda \mu \mu \varepsilon v^{\prime}{ }^{\text {d }}$ |
| :---: | :---: | :---: | :---: |
| A | $\lambda \varepsilon \lambda v \mu$ ¢́vov | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \eta \nu$ |  |
| G | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v o v$ | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \eta \zeta$ | $\lambda \varepsilon \lambda \cup \mu \varepsilon ́ v o v$ |
| D | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \varphi$ | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \geqslant \square ़$ | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \varphi$ |
| P N | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v o ı$ | $\lambda \varepsilon \lambda v \mu \varepsilon v^{\prime} \alpha \iota$ | $\lambda \varepsilon \lambda v \mu \varepsilon \varepsilon^{v} \alpha$ |
| A | 入є $\lambda$ vućvovs | $\lambda \varepsilon \lambda v \mu \varepsilon v^{\prime} \alpha \varsigma$ | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \alpha$ |
| G | $\lambda \varepsilon \lambda v \mu \varepsilon ́ v \omega v$ | $\lambda \varepsilon \lambda v \mu \varepsilon v^{\prime} \omega$ v | $\lambda \varepsilon \lambda \nu \mu \varepsilon \varepsilon^{\prime} \omega \omega$ |
| D | $\lambda \varepsilon \lambda v \mu \varepsilon v^{\prime}<ı \leqslant$ | $\lambda \varepsilon \lambda v \mu \varepsilon v^{\prime} \alpha \downarrow \varsigma$ | $\lambda \varepsilon \lambda \nu \mu \varepsilon \varepsilon^{\prime}$ |

## D5．37 AORIST PASSIVE（i゙ $\sigma \tau \eta \mu \tau$ ）

| $\mathbf{S N}$ | $\lambda v \theta \varepsilon i \varsigma$ | $\lambda v \theta \varepsilon ิ \iota \sigma \alpha$ | $\lambda v \theta \varepsilon ́ v$ |
| :---: | :---: | :---: | :---: |
| A | $\lambda v \theta \varepsilon ́ v \tau \alpha$ | $\lambda \nu \theta \bar{\varepsilon} \imath \sigma \alpha \nu$ | $\lambda v \theta \varepsilon ́ v$ |
| G | $\lambda v \theta \varepsilon ́ v \tau o s$ | $\lambda \nu \theta \varepsilon i ́ \sigma \eta \zeta$ | $\lambda \nu \theta$ ¢́v $\frac{1}{}$ |
| D | $\lambda v \theta \varepsilon ́ v \tau \tau$ | $\lambda v \theta \varepsilon i \sigma \square$ | $\lambda v \theta \varepsilon ́ v \tau \tau$ |
| P N | $\lambda \nu \theta \varepsilon ́ v \tau \varepsilon \varsigma$ | $\lambda \nu \theta \varepsilon i ̂ \sigma \alpha l$ | $\lambda v \theta \varepsilon ́ v \tau \alpha$ |
| A | $\lambda \nu \theta \varepsilon ̇ v \tau \alpha \varsigma$ | $\lambda \nu \theta \varepsilon i \sigma \alpha \varsigma$ | $\lambda v \theta \varepsilon ́ v \tau \alpha$ |
| G | $\lambda v \theta \varepsilon ́ v \tau \omega \nu$ | $\lambda \nu \theta \varepsilon \iota \sigma \hat{\omega} v$ | $\lambda \nu \theta \varepsilon ́ v \tau \omega \nu$ |
| D | $\lambda v \theta \varepsilon i ̂ \sigma l(v)$ | $\lambda v \theta \varepsilon i \sigma \alpha \ll$ | $\lambda \nu \theta \varepsilon i ̂ \sigma l(v)$ |

THE PASSIVE PARTICIPLE adds $-\theta \varepsilon v \tau$ to the verb lexal，and then declines in accordance with C3 participle $\theta$ Eis（D5．32）． Direct flexion verbs（\＃D4．4）take $-\varepsilon v \tau$ and decline similarly（but without $-\theta$－）：thus $\sigma \tau \alpha \lambda \varepsilon i ́ \varsigma ~ f r o m ~ \varepsilon ̇ \sigma \tau \dot{\alpha} \lambda \eta \nu(\sigma \tau \varepsilon ́ \lambda \lambda \omega)$ ．

| cís | $\sigma \tau \alpha \theta \varepsilon i{ }^{\circ} \sigma \alpha$ | $\sigma \tau \alpha \theta \varepsilon ́ v$ |
| :---: | :---: | :---: |
| － | $\sigma \tau \alpha \theta \varepsilon i ̂ \sigma \alpha v$ | $\sigma \tau \alpha \theta \dot{\varepsilon} v$ |
| $\alpha \theta$ év $<0 \varsigma$ | $\sigma \tau \alpha \theta \varepsilon i ́ \sigma \eta$ ¢ | $\sigma \tau \alpha \theta \varepsilon ́ v \tau 0 \varsigma$ |
| $\theta \varepsilon ́ v \tau \iota$ | $\sigma \tau \alpha \theta \varepsilon i ́ \sigma \underline{\square}$ | $\sigma \tau \alpha \theta \varepsilon ̇ v \tau \iota$ |
| $\sigma \tau \alpha \theta \varepsilon ́ v \tau \varepsilon \varsigma$ | $\sigma \tau \alpha \theta \varepsilon i \sigma \alpha \downarrow$ | $\sigma \tau \alpha \theta \varepsilon ́ v \tau \alpha$ |
| v $\tau$ | $\sigma \tau \alpha \theta \varepsilon i \sigma \alpha \varsigma$ | $\sigma \tau \alpha \theta \varepsilon ́ v \tau \alpha$ |
| $\alpha \theta \varepsilon ́ v \tau \omega$ | $\sigma \tau \alpha \theta \varepsilon \iota \sigma \omega ิ \nu$ | $\sigma \tau \alpha \theta \dot{\varepsilon} v \tau \omega$ |
| $\sigma \tau \alpha \theta \varepsilon i \bar{\sigma} \mathrm{l}(\mathrm{v})$ | $\sigma \tau \alpha \theta \varepsilon i \sigma \alpha ı \zeta$ | $\sigma \tau \alpha \theta \varepsilon i \sigma t(v)$ |

THE PASSIVE PARTICIPLE of Third Declension verbs is formed in the same way as for First Declension verbs：by adding $-\theta \varepsilon v \tau$ to the verb lexal．It then declines in accordance with $\theta$ Eís（D5．32）．

## D5.18 FUTURE ACTIVE ( $\boldsymbol{\lambda} \boldsymbol{v} \omega$ )

$$
\begin{array}{llllll}
\mathbf{S ~ N} & \lambda v ́ \sigma \omega v & \lambda \tilde{\sigma} \sigma o v \sigma \alpha & \lambda \hat{v} \sigma o v & \mathbf{M} / \mathbf{N} \mathbf{G} & \lambda \tilde{\sigma} \sigma o v \tau o \varsigma
\end{array}
$$

The Future Active participle is formed by adding the future morph $-\sigma$ - between the lexal and the neutral morph. This participle differs in form from the Present Active participle (D5.11) only in that it contains the future morph. It is rare in the New Testament.

## D5.19 FUTURE MIDDLE AND PASSIVE ( $\boldsymbol{\lambda} \boldsymbol{\jmath} \omega$ )

| Middle: S N | $\lambda v \sigma o ́ \mu \varepsilon v o \varsigma$ | $\lambda v \sigma o \mu \varepsilon ́ v \eta$ | $\lambda v \sigma o ́ \mu \varepsilon v o v$ | M/N G | $\lambda v \sigma o \mu \varepsilon ́ v o v$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Passive: S N | $\lambda v \theta \eta \sigma o ́ \mu \varepsilon v o \varsigma$ | $\lambda v \theta \eta \sigma o \mu \varepsilon ́ v \eta$ | $\lambda v \theta \eta \sigma o ́ \mu \varepsilon v o v$ | M/N G | $\lambda v \theta \eta \sigma o \mu \varepsilon ́ v o v$ |

The Future Middle participle is formed by adding the future morph $-\sigma$ - between the lexal and the neutral morph. This participle differs in form from the Present Middle participle (D5.14) only in that it contains the future morph. It is rare in the New Testament. The Future Passive participle is formed by adding the passive morph plus future morph, $-\theta \eta \sigma$-, between the lexal and the neutral morph. This participle differs in form from the Present Middle/Passive participle (D5.14) only in that it contains the passive and future morphs. It is found only once in the New Testament (Hebrews 3:5).

## D6. PRONOUNS

|  | D6.1 THE ARTICLE |  |  | D6.2 THE RELATIVE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Masculine | Feminine | Neuter | Masculine | Feminine | Neuter |
| $\mathbf{S N}$ | $\dot{\delta}$ | $\eta$ | тó | ÖS | $\eta{ }^{\prime \prime}$ | O' |
| A | тóv | $\tau \eta{ }^{\text {c }}$ | тó | ơv | $\ddot{\eta}$ | Ő |
| G | $\tau 0 \hat{v}$ | $\tau \bar{\eta} \varsigma$ | $\tau 0 \hat{v}$ | $o v^{*}$ | $\stackrel{1}{\dagger}$ | $o v$ |
| D | $\tau \omega$ | $\tau \hat{T}$ | $\tau \hat{\omega}$ | ${ }_{\substack{*}}$ | 7 | $\omega_{0}$ |
| P N | oi | $\alpha i$ | $\tau \alpha \dot{\alpha}$ | oĭ | $\alpha i ̋$ | $\ddot{\alpha}$ |
| A | tovs | $\tau \alpha<$ | $\tau \alpha$ | ov̌s | ớs | $\ddot{\alpha}$ |
| G | $\tau \omega \nu$ | $\tau \omega \nu$ | $\tau \omega \nu$ | $\omega$ | $\hat{\omega}$ | $\hat{\omega}$ |
| D | тoîs | $\tau \alpha i ̄ ¢$ | тoî̧ | oís | dis | oís |

D6.1 The article was originally a Demonstrative Pronoun. Notice that the article has the rough breathing as its root in the masculine and feminine nominatives, singular and plural, and " $\tau$ " elsewhere.

D6.2 Note that the root of the Relative Pronoun is the rough breathing throughout. Both the article and the relative pronoun add the linking vowel (see \#D0.22) to their root, -o- for the masculine and neuter, and $-\alpha$ - [lengthening to $-\eta$ - in accordance with \#D0.24(a)] for the feminine. They both then take the usual endings of the First Declension (for the feminine) and Second Declension (for the masculine and neuter), except that: the article does not add the usual $-\varsigma$ suffix of the masculine nominative singular; neither of them adds the usual $-v$ suffix of the neuter nominative-accusative singular. Note also the accent: absent wherever the article lacks $\tau$, but always found on the relative. Declined like ö́s, $\eta$ ", ó are: $\dot{\alpha} \lambda \lambda o \varsigma,-\eta,-o$, "another", and $\dot{\varepsilon} \kappa \varepsilon \imath ̂ v o \varsigma,-\eta$, -o, "that (one)", "those".

D6．3 PERSONAL PRONOUNS

| PERSON | 1st | 2nd | 3rdm． | 3rd | 3rd n ． |
| :---: | :---: | :---: | :---: | :---: | :---: |
| S N | $\dot{\varepsilon} \gamma \bar{\square}$ | $\sigma v$ | av̇tós | $\alpha v ̊ \eta$ | v่ $\tau$ |
| A | $\dot{\varepsilon} \mu \dot{\prime} / \mu \varepsilon$ | $\sigma \varepsilon ́$ | av̉tóv | $\alpha$ v่าท่v | тó |
| G | $\dot{\varepsilon} \mu \mathrm{ov} / \mu \mathrm{ov}$ | бov̂ | $\alpha$ v̇tov̂ | $\alpha$ ט̇兀ท̂s | ¢v̉兀ô |
| D | غ̇цоí／$\mu$ ои | бoí | $\alpha$ ט̉兀¢ิ | $\alpha$ ข่งท̣ | $\alpha \nu ๋ \uparrow$ |
| P N | $\dot{\eta} \mu \varepsilon i \bar{\zeta}$ | v́ $\mu \mathrm{\varepsilon}$ îs | $\alpha$ ט̇toí | $\alpha \dot{v} \tau \alpha i ́$ | $\alpha$ v̇兀ó |
| A | $\dot{\eta} \mu \hat{\alpha} \varsigma$ | $\dot{v} \mu \hat{\alpha} \varsigma$ | $\alpha$ vicov́s | $\alpha$ v̉tós | $\alpha v$ ¢ $\tau \alpha$ |
| G | $\dot{\eta} \mu \bar{\omega} v$ | $\dot{\nu} \mu \omega \bar{\nu}$ | $\alpha \nu$ ¢ $\omega$ ט | $\alpha v ่ \tau \omega ิ$ | $\alpha v ̊ \tau \omega \nu$ |
| D | $\dot{\eta} \mu \mathrm{i} v$ | víuiv | $\alpha$ v̇toîs | $\alpha v ่ \tau \alpha i ̄ 5$ | $\alpha$ v่̉o |

See \＃3．31－34；\＃A3．21－25．

## THE INTENSIVE ADJECTIVE／PRONOUN

This has the same 24 forms as $\alpha$ vitós，but has the meaning＂－self＂in all persons；or＂very＂．It precedes the article．Thus，$\alpha$ vi $\tau o ̀ \varsigma ~ o ́ ~ \theta \varepsilon o ́ s, ~ " G o d ~$
 that very day＂（L9／B1 and B7）．


## THE SPECIFIC ADJECTIVE／PRONOUN

This has the same 24 forms as $\alpha \dot{v} \tau o ́ s$ ，but has the meaning＂same＂．In this use it is preceded by the article．Thus，tò $\alpha v \dot{\tau}$ ，＂the same （thing）＂（L8／B23）．

## D6．4 DEMONSTRATIVE PRONOUN

| m． | f． | n． |
| :---: | :---: | :---: |
| ovitos | $\alpha$ ช̌ヶ $\eta$ | тоขินo |
| นovินov | т $\alpha$ ข่ $\eta$ v | тоขินo |
| ธov́rov | $\tau \alpha$ ט่тทร | тovitov |
| тоขิ $\tau \omega$ | $\tau \alpha$ ข̇ṭ | тоข่ $\tau$ ¢ |
| ov์่oง | $\alpha v ँ \tau \alpha \downarrow$ | $\tau \alpha \hat{\tau} \tau \alpha$ |
| тov́rovs | $\tau \alpha v ์ \tau \alpha \varsigma$ | $\tau \alpha \hat{\tau} \tau \alpha$ |
| тоv́ $\tau \omega \nu$ | тоט́ $\tau \omega \nu$ | тov́ $\tau \omega v$ |
| тovíots | $\tau \alpha v$ v人lৎ | тov́tots |

See \＃3．32－36；\＃A3．26．

