## **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  $\rho\iota\epsilon$  stem, and D1.2 otherwise. However, of these there are eight adjectives which are contracted in  $-\epsilon o \zeta$  or  $-o o \zeta$ .

**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  $\pi \iota \sigma \tau \delta \zeta$ , "believing", and  $\dot{\alpha}\pi \iota \sigma \tau \delta \zeta$ , "unbelieving"). But this is not an invariable rule: some compound adjectives are used in the New Testament (and in *koinē* generally) with feminine forms, that is, as three-termination adjectives, and some simplex adjectives, especially if ending in  $-\iota \delta \zeta$ , 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  $\delta \kappa \alpha \lambda \delta \zeta$ , "the good man";  $\alpha i \pi \tau \omega \gamma \alpha i$ , "the poor women";  $\tau \delta \mu \epsilon \lambda \alpha \nu$ , "the black thing" (used for referring to "ink").

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

	· j					
	PARADIGM		NUM	BER	PER	CENT
D4.1 D4.2	άγιος, ἁγία, άγιον holy καλός, καλή, καλόν good	}	538		84%	
D4.3	${}^{(\dot{\alpha}\rho\gamma\nu\rho\sigma\hat{\nu}\varsigma, \dot{\alpha}\dot{\gamma}\nu\rho\hat{\alpha}, \dot{\alpha}\rho\gamma\nu\rho\sigma\hat{\nu}v \text{ silvern}}_{\chi\rho\nu\sigma\sigma\hat{\nu}\varsigma, \chi\rho\nu\sigma\hat{\eta}, \chi\rho\nu\sigma\sigma\hat{\nu}v \text{ golden}}$	}	8	546	_1%	85%
D4.4 D4.5 D4.6	βαρύς, βαρεῖα, βαρύ heavy/hard ἑκών, ἑκοῦσα, ἑκόν willing πᾶς, πᾶσα, πᾶν every, each, all		16 2 <u>3</u>	21	2% * _*	3%
D4.7 D4.8 D4.9	ἀληθής, ἀληθές true ἄφρων, ἄφρον foolish ἀμήτωρ, ἀμῆτορ motherless		58 13 	_73	9% 2% *	12%
TOTA	AL NEW TESTAMENT ADJECTIVES	:		<u>640</u>		<u>100%</u>

\* indicates a percentage of less than one.

D4

S

D

S

P

S

P

Р

D4

S I

# D4.1–D4.3 FIRST/SECOND DECLENSION THREE-TERMINATION ADJECTIVES

	Masculine	Feminine	Neuter	Masculine	Feminine	Neuter
	D4.1 ριε ST	TEM ADJECT	TIVES	D4.2 CONS	ONANT-STE	Μ
S N	άγιος	άγία	ἅγιον	καλός	καλή	καλόν
V	άγιε	<b>άγ</b> ία	άγιον	καλέ	καλή	καλόν
Α	άγιον	άγίαν	<b>ἄγιο</b> ν	καλόν	καλήν	καλόν
G	<b>ἅγίου</b>	<b>άγ</b> ίας	άγίου	καλοῦ	καλής	καλοῦ
D	άγίდ	άγία	<b>ά</b> γί <b>φ</b>	καλῷ	καλή	καλῷ
ΡN	άγιοι	άγιαι	<b>άγι</b> α	καλοί	καλαί	καλά
Α	<b>άγίους</b>	άγίας	άγια	καλούς	καλάς	καλά
G	άγίων	άγίων	άγίων	καλῶν	καλών	καλών
D	άγίοις	<b>άγίαις</b>	<b>άγίοι</b> ς	καλοῖς	καλαῖς	καλοΐς

### D4.3 CONTRACTED ADJECTIVES: ριε STEM

S N	ἀργυροῦς	ἀργυρᾶ	ἀργυροῦν	χρυσοῦς	χρυσή	χρυσοῦν
A	ἀργυροῦν	ἀργυρᾶν	ἀργυροῦν	χρυσοῦν	χρυσήν	χρυσοῦν
G	ἀργυροῦ	ἀργυρᾶς	ἀργυροῦ	χρυσοῦ	χρυσής	χρυσοῦ
D	ἀργυροῦ	ἀργυρᾶς	ἀργυροῦ	χρυσοῦ	χρυσή	χρυσῷ
PN	ἀργυροῖ	ἀργυραῖ	ἀργυρᾶ	χρυσοî	χρυσαΐ	χρυσά
A	ἀργυροῦς	ἀργυρᾶς	ἀργυρᾶ	χρυσοῦς	χρυσᾶς	χρυσά
G	ἀργυρῶν	ἀργυρῶν	ἀργυρῶν	χρυσῶν	χρυσῶν	χρυσών
D	ἀργυροῖς	ἀργυραῖς	ἀργυροῖς	χρυσοῖς	χρυσαῖς	χρυσοΐς

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

	D4.4 STEM	Ι - υ/-ει		D4.6 STEN	Ι-αντ/-ασ	
SN	βαρύς	βαρεῖα	βαρύ	πᾶς	πάσα	πᾶν
A	βαρύν	βαρεῖαν	βαρύ	πάντα	πάσαν	πᾶν
G	βαρέως	βαρείας	βαρέως	παντός	πάσης	παντός
D	βαρεῖ	βαρεία	βαρεῖ	παντί	πάση	παντί
PN	βαρεῖς	βαρεῖαι	βαρέα	πάντες	πάσαι	πάντα
A	βαρεῖς	βαρείας	βαρέα	πάντας	πάσας	πάντα
G	βαρέων	βαρειῶν	βαρέων	πάντων	πασῶν	πάντων
D	βαρέσι(ν)	βαρείαις	βαρέσι(ν)	πασι(v)	πάσαις	πασι(ν)

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

	Personal	Neuter	Personal	Neuter	Personal	Neuter
	D4.7 STEM	-ες	D4.8 STEN	1 <i>-ov</i>	D4.9 STEM	Ι-ορ
SN A G D PN A G D	ἀληθής ἀληθη ἀληθοῦς ἀληθεῖ ἀληθεῖς ἀληθεῖς ἀληθεῖς ἀληθών ἀληθέσι(ν)	ἀληθές ἀληθές ἀληθοῦς ἀληθεῖ ἀληθῆ ἀληθῆ ἀληθῶν ἀληθῶν	ἄφρων ἄφρονα ἄφρονος ἄφρονι ἄφρονες άφρονας ἀφροσι(ν)	ἄφρον ἄφρον ἄφρονος ἄφρονα ἄφρονα ἀφρόνων ἄφροσι(ν)	ἀμήτωρ ἀμήτορα ἀμήτορος ἀμήτορι ἀμήτορες ἀμήτορας ἐμητόρων ?	ἀμῆτορ ἀμῆτορ ἀμήτορος ἀμήτορι ἀμήτορα ἀμήτορα ἀμητόρων ?

**CONSONANT STEM** 

#### LEARN TO READ THE GREEK NEW TESTAMENT

i

F

F

t J

S

d

Γ

p

ty

n tv

SI

tł

H

ir

st

Ca

fa

fc

is "r σ

Te

D

sa pe fo wi ad

D4 ad Ea

D

D5

D5

ten

for

nu

**D4.3**  $\chi\rho\nu\sigma\sigma\hat{\nu}\varsigma$ , "golden", (occurring 18 times) is contracted from  $\chi\rho\nu\sigma\acute{e}\varsigma$ , and follows  $\kappa\alpha\lambda\acute{o}\varsigma$ . The other four adjectives of this paradigm, contracted in  $-\epsilon\sigma\varsigma$  or  $-\sigma\sigma\varsigma$  (and their frequency in the New Testament) are:  $\dot{\alpha}\pi\lambda\hat{\nu}\varsigma$ , "healthy" (contracted from  $\dot{\alpha}\pi\lambda\dot{\sigma}\sigma\varsigma$ ; 2);  $\delta\imath\pi\lambda\hat{\nu}\varsigma$ , "double" (from  $\delta\imath\pi\lambda\dot{\sigma}\sigma\varsigma$ ; 4);  $\tau\epsilon\tau\rho\alpha\pi\lambda\hat{\nu}\varsigma$ , "fourfold" (from  $\tau\epsilon\tau\rho\alpha\pi\lambda\dot{\sigma}\sigma\varsigma$ ; 1) and  $\chi\alpha\lambda\kappa\hat{\nu}\varsigma$  "made of copper/brass/bronze" (from  $\chi\dot{\alpha}\lambda\kappa\epsilon\sigma\varsigma\varsigma$ ; 1). There are a further three contracted adjectives with a stem in  $-\rho\epsilon\sigma\varsigma$ , and these consequently have  $-\hat{\alpha}$ - throughout the singular (following  $\ddot{\alpha}\gamma\iota\sigma\varsigma$ ) instead of  $-\hat{\eta}$ -. They are:  $\dot{\alpha}\rho\gamma\nu\rho\hat{\nu}\varsigma$ ,  $-\hat{\alpha}$ ,  $-\sigma\hat{\nu}\nu$ , "silvern" (from  $d\rho\gamma\nu\rho\dot{\epsilon}\sigma\varsigma$ ; 3);  $\pi\rho\rho\phi\nu\rho\hat{\nu}\varsigma$ ,  $-\hat{\alpha}$ ,  $-\sigma\hat{\nu}\nu$ , "purple" (from  $\pi\sigma\rho\phi\nu\rho\dot{\epsilon}\sigma\varsigma$ ; 4) and  $\sigma\iota\delta\eta\rho\sigma\hat{\nu}\varsigma$ ,  $-\hat{\alpha}$ ,  $-\sigma\hat{\nu}\nu$  "iron" (from  $\sigma\iota\delta\eta\rho\dot{\epsilon}\sigma\varsigma$ ; 5). There are four adjectives in  $-\epsilon\sigma\varsigma/-\sigma\sigma\varsigma$  which do not contract:  $\nu\dot{\epsilon}\sigma\varsigma$ ,  $-\alpha$ ,  $-\sigma\nu$ , "young", "new" (23);  $\dot{\sigma}\gamma\delta\sigma\sigma\varsigma$ ,  $-\eta$ ,  $-\sigma\nu$ , "eighth" (5);  $\sigma\tau\epsilon\rho\epsilon\dot{\epsilon}\varsigma$ ,  $-\dot{\alpha}$ ,  $-\dot{\sigma}\nu$ , "solid" (4); and  $\dot{\nu}\pi\eta\kappa\sigma\sigma\varsigma$ ,  $-\sigma\nu$ , "obedient" (3).

D4.4 The masculine and neuter flexions of  $\beta \alpha \rho \dot{\nu} \zeta$  are Third Declension, and exactly follow  $\pi \eta \chi \upsilon \zeta$  (D3.2): that is to say, they decline as  $\pi \delta \lambda \iota \zeta$  but they have  $-\upsilon$ - not  $-\iota$ - as the stem vowel in the nominative, vocative and accusative singular. The neuter does not take the nominative singular - $\zeta$  suffix (#D3.04). The feminine flexion is formed from the stem  $\beta \alpha \rho \epsilon$ , with compensatory lengthing of the  $-\varepsilon$ - to  $-\varepsilon \iota$ -, 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, ήμισυς, ήμίσεια, ήμισυ, "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, ήμισυ, and has the irregular forms: genitive singular  $\eta \mu i \sigma o \nu \varsigma$  (cf. Paradigm D3.5), and nominative-accusative plural  $\eta\mu i\sigma \iota \alpha$ . The other two irregular adjectives follow the paradigm of  $\beta \alpha \rho \dot{\nu}_{\zeta}$  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:  $\pi \delta \lambda \delta \zeta$ ,  $\pi \delta \lambda \lambda \eta$ ,  $\pi \delta \lambda \delta \lambda$ , "much", "many" (353), and  $\mu \epsilon \gamma \alpha \zeta$ ,  $\mu \epsilon \gamma \alpha \lambda \eta$ ,  $\mu \epsilon \gamma \alpha \lambda$ , "great", "large", "loud" (of a noise), "high" (of a mountain), etc. (194). These are declined as follows:

## **IRREGULAR ADJECTIVES OF PARADIGM D4.4**

STEM:	<b>D4.41</b> half {ήμισυ- ήμισι-	n	D4.42 nuch, many $\{ \frac{\pi o \lambda v}{\pi o \lambda \lambda} \}$			D4.43 great, large $\{ \substack{\mu \in \gamma \alpha - \\ \mu \in \gamma \alpha \lambda - } \}$	
SN A G D	Neuter ήμισυ ήμισυ ήμίσους ήμίσει	Masculine πολύς πολύν πολλοῦ πολλῷ	Feminine πολλή πολλήν πολλῆς πολλῆ	Neuter πολύ πολύ πολλοῦ πολλοῦ	Masculine μέγας μέγαν μεγάλου μεγάλου	Feminine μεγάλη μεγάλην μεγάλης μεγάλης	Neuter μέγα μέγα μεγάλου μεγάλου
PN A G D	ήμίσια ήμίσια —	πολλοί πολλούς πολλῶν πολλοῖς	πολλαί πολλάς πολλών πολλωΐς	πολλά πολλά πολλών πολλῶν	μεγάλοι μεγάλους μεγάλων μεγάλοις	μεγάλαι μεγάλας μεγάλων μεγάλων	μεγάλα μεγάλα μεγάλων μεγάλοι

**D4.5**  $\dot{\epsilon}\kappa\dot{\omega}v$ ,  $\dot{\epsilon}\kappa\dot{\omega}\sigma\alpha$ ,  $\dot{\epsilon}\kappa\dot{o}v$ , "willing" (2), and  $\ddot{\alpha}\kappa\omega v$ ,  $\ddot{\alpha}\kappa\sigma v$ , "unwilling" (1), which are the only two adjectives in Paradigm D4.5, were originally participles, and they decline like participles, following the declension of  $\lambda\dot{\omega}\omega v$ ,  $\lambda\dot{\omega}\sigma\sigma\alpha$ ,  $\lambda\partial\sigma v$  (see #D5.11).

276

#### APPENDIX D: DECLENSION

**D4.6** It can be seen that  $\pi \hat{\alpha} \zeta$ , "all" (1226), exactly follows Paradigm D3.20 – in the nominative singular of the masculine, when the suffix - $\zeta$  has been added to the stem  $\pi \alpha v \tau$ - first the - $\tau$  and then the -v have given way before the sibilant, thus producing the form  $\pi \hat{\alpha} \zeta$  (with long - $\alpha$ -). No - $\zeta$  suffix is added in the neuter nominative singular, so the form is derived from the stem, being first  $\pi \alpha v \tau$  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  $\check{\alpha}\pi\alpha\zeta$  (35), also meaning "all"; and in addition the Paradigm of  $\pi \hat{\alpha} \zeta$  is followed by all participles in - $\alpha\zeta$  (#D5.12, #D5.31 and #D5.32). Another adjective,  $\mu \epsilon \lambda \alpha \zeta$ ,  $\mu \epsilon \lambda \alpha v \zeta$ , "black", "ink" (6), is similar to  $\pi \hat{\alpha} \zeta$  in the masculine and neuter flexions, but it is from the stem  $\mu \epsilon \lambda \alpha v -$  (genitive  $\mu \epsilon \lambda \alpha v \sigma \zeta$ ), and it has the irregularly-formed feminine  $\mu \epsilon \lambda \alpha v \alpha$ , which declines like  $\delta \delta \xi \alpha$ , Paradigm D1.3.

**D4.7**  $\dot{\alpha}\lambda\eta\theta\dot{\eta}\zeta$ ,  $\dot{\alpha}\lambda\eta\theta\dot{\epsilon}\zeta$ , "true" (26), is a two-termination adjective, that is, the form  $\dot{\alpha}\lambda\eta\theta\dot{\eta}\zeta$  is personal gender, serving for both masculine and feminine. This adjective is of the same paradigm type as the noun  $\gamma \dot{\epsilon} v \dot{\rho} c$ ,  $\gamma \dot{\epsilon} v \dot{\rho} v c$  (D3.5) – the stem is  $\dot{\alpha} \lambda \eta \theta \epsilon \sigma$ - and in the personal gender nominative singular this takes the usual  $-\zeta$  suffix to become first of all " $\alpha\lambda\eta\theta\varepsilon\sigma\zeta$ ", and then the two sigmas simplify to one (#E2.67), giving  $\alpha\lambda\eta\theta\epsilon\varsigma$ , and then the final vowel (being followed by a single consonant only, #D3.09), lengthens to produce  $\dot{\alpha}\lambda\eta\theta\eta\varsigma$ . The neuter nominative singular is the stem  $\dot{\alpha}\lambda\eta\theta\dot{\epsilon}\varsigma$ , 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  $-\varepsilon_{\zeta}$ , 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 -o-, giving the nominative singular form  $\gamma \epsilon v o \zeta$ , not " $\gamma \epsilon v \epsilon \zeta$ "). As in the case of  $\gamma \epsilon v o \zeta$ , 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  $d\lambda\eta\theta\hat{\eta}$  (for  $d\lambda\eta\theta\hat{\epsilon}\alpha$ ), and so forth. The adjective  $\sigma v \gamma \epsilon v \eta \varsigma$ , "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  $\sigma v \gamma \epsilon v \epsilon \sigma v$ , an irregular alternative  $\sigma v \gamma \gamma \epsilon v \epsilon \hat{v} \sigma v$ , formed as if from  $\sigma v \gamma \gamma \epsilon v \epsilon \hat{v} \zeta$ . There are 58 adjectives of Paradigm D4.7 in the New Testament.

**D4.8**  $\check{\alpha}\phi\rho\omega\nu$ ,  $\check{\alpha}\phi\rho\sigma\nu$ , "foolish" (11), is a two-termination adjective with stem in  $-\sigma\nu$ , i.e. of the same paradigm type as  $\dot{\eta}\gamma\epsilon\mu\hat{\omega}\nu$ ,  $\dot{\eta}\gamma\epsilon\mu\dot{o}\nu\circ\varsigma$  (D3.16). The nominative singular suffix  $-\varsigma$  of the personal gender does not hold on the liquid of the stem  $\check{\alpha}\phi\rho\sigma\nu$ - and then the final vowel (being followed by just a single stem consonant, #D3.09), lengthens to produce  $\check{\alpha}\phi\rho\omega\nu$ . 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**  $\dot{\alpha}\mu\eta\tau\omega\rho$ ,  $\dot{\alpha}\mu\eta\tau\rho\rho$ , "motherless" (1), and  $\dot{\alpha}\pi\alpha\tau\omega\rho$ ,  $\dot{\alpha}\pi\alpha\tau\rho\rho$ , "fatherless" (1), the only two adjectives of Paradigm D4.9 in the New Testament, follow the declension of  $\dot{\alpha}\lambda\epsilon\kappa\tau\omega\rho$ , 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.

VOICE Active: Middle: Passive:	<b>TENSE</b> Present, future, and aorist Perfect All tenses The aorist takes the active morphs: The future takes the middle morphs:	MASC. and NEUT. -ντ (D3) -ος/-οτ (D3) -μεν-ο (D2) -ντ (D3) -μεν-ο (D2)	FEMININE $-\sigma\alpha$ (D1.3) $-\upsilon ι α$ (D1.1) $-μεν-η$ (D1.2) $-\sigma\alpha$ (D1.3) $-μεν-η$ (D1.2)
	The future takes the middle morphs.	-µev-0 (D2)	

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

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,  $-\nu\tau$ , to the neutral morph. Thus for example the active participle from the second aorist  $\varepsilon i\delta \delta v$  is  $i\delta \delta v \sigma \alpha$ ,  $i\delta \delta v$ , masculine/neuter genitive  $i\delta \delta v \tau \sigma \zeta$ , and it declines in accordance with the paradigm of  $\lambda \upsilon \omega \sigma \alpha$ ,  $\lambda \upsilon \omega \sigma \alpha$ ,  $\lambda \upsilon \omega \sigma \lambda$ , D5.11.

**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  $\delta i \delta o \cdot v \tau$ -, and in the masculine nominative singular this becomes  $\delta i \delta o v \tau \varsigma \rightarrow \delta i \delta o \varsigma \rightarrow \delta i \delta o \upsilon \varsigma$  not " $\delta i \delta \omega \nu$ " (see the compensatory lengthening rule in #D3.09). The verb  $\epsilon i \mu i$  is the exception to this rule for Third Conjugation participles: its participles are  $\omega v$ ,  $o \upsilon \sigma \alpha$ ,  $\delta v$ , and follow  $\lambda \upsilon \omega v$ .

**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  $\lambda \dot{\upsilon} \omega$  (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			D5.3 THIRD CONJUGATION PARADIGMS			
	Masculine	Feminine	Neuter	Masculine	Feminine	Neuter	
	D5.11 PRESENT ACTIVE (λύω)			D5.31 PRESENT ACTIVE ( $\tau i \theta \eta \mu \iota$ )			
SN A G D	λύων λύοντα λύοντος λύοντι	λύουσα λύουσαν λυούσης λυούση	λῦον λῦον λύοντος λύοντι	τιθείς τιθέντα τιθέντος τιθέντι	τιθεῖσα τιθεῖσαν τιθείσης τιθείση	τιθέν τιθέν τιθέντος τιθέντι	
PN A G D	λύοντες λύοντας λυόντων λύουσι(v)	λύουσαι λυούσας λυουσῶν λυούσαις	λύοντα λύοντα λυόντων λύουσι(v)	τιθέντες τιθέντας τιθέντων τιθείσι(ν)	τιθεΐσαι τιθείσας τιθεισῶν τιθείσαις	τιθέντα τιθέντα τιθέντων τιθεῖσι(ν)	
	NOTE THA	T the mascul	ine and neuter	THIS PAR	ADIGM is	followed by	

278

#### APPENDIX D: DECLENSION

flexions follow Paradigm D3.18,  $\dot{\alpha}\rho\chi\omega\nu$ . The feminine flexion follows Paradigm D1.3,  $\delta\delta\xi\alpha$ . Paradigm D5.11 is followed by: the present active of all C1 and C2 verbs, and the aorist active of C2 verbs. διδούς. The masculine and neuter flexions are identical with noun Paradigm D3.19; the feminine flexion follows Paradigm D1.3, δόξα. Declined similarly are  $i \sigma \tau \dot{\alpha} \zeta$ and δεικνύς (in accordance with Paradigm D3.20).

## D5.12 AORIST ACTIVE $(\lambda \upsilon \omega)$

SN	λύσας	λύσασα	λῦσαν
A	λύσαντα	λύσασαν	λῦσαν
G	λύσαντος	λυσάσης	λύσαντος
D	λύσαντι	λυσάση	λύσαντι
PN	λύσαντες	λύσασαι	λύσαντα
A	λύσαντας	λυσάσας	λύσαντα
G	λυσάντων	λυσασῶν	λυσάντων
D	λύσασι(v)	λυσάσαις	λύσασι(v)

**NOTE THAT** this Paradigm is identical with that for  $\pi \hat{\alpha}_{\zeta}$  (D4.6) and with those for Third Conjugation verbs with participles in  $-\alpha_{\zeta}$  (D5.31; D5.32):  $i\sigma\tau\dot{\alpha}_{\zeta}$  and  $\sigma\tau\dot{\alpha}_{\zeta}$  ( $i\sigma\tau\eta\mu_{1}$ ), and  $-\beta\dot{\alpha}_{\zeta} -\beta\alpha_{1}\nu\omega$ ). All First Conjugation aorist active participles follow  $\lambda \dot{\upsilon} \sigma \alpha_{\zeta}$ .

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

θείς	θεῖσα	θέν
θέντα	θεῖσαν	θέν
θέντος	θείσης	θέντος
θέντι	θεῖση	θέντι
θέντες	θεῖσαι	θέντα
θέντας	θείσας	θέντα
θέντων	θεισῶν	θέντων
θεῖσι(ν)	θείσαις	θεῖσι(ν)

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

### D5.13 PERFECT ACTIVE $(\lambda \dot{\upsilon} \omega)$

SN	λελυκώς	λελυκυῖα	λελυκός	
A	λελυκότα	λελυκυῖαν	λελυκός	
G	λελυκότος	λελυκυίας	λελυκότος	
D	λελυκότι	λελυκυία	λελυκότι	
P N A G D	λελυκότες λελυκότας λελυκότων λελυκόσι(v)	λελυκυία λελυκυίας λελυκυίων λελυκυίων λελυκυίας	λελυκότα λελυκότα λελυκότα λελυκότων λελυκόσι(v)	

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

## D5.33 PERFECT ACTIVE ( $i\sigma \tau \eta \mu i$ )

έστώς	έστῶσα	έστός
έστῶτα	έστῶσαν	έστός
έστῶτος	ἑστώσης	έστῶτος
έστῶτι	έστώση	έστῶτι
έστῶτες	έστῶσαι	έστῶτα
έστῶτας	έστώσας	έστῶτα
έστώτων	έστωσῶν	έστώτων
έστῶτσι(ν)	έστώσαις	έστῶσι(ν)

**NOTE:**  $i\sigma\tau\eta\mu$  has two perfect participles, both with identical meaning, "standing" (intransitive):  $\epsilon\sigma\tau\omega\zeta$  (as above; 57 or more occurrences), and  $\epsilon\sigma\tau\eta\kappa\omega\zeta$ (follows D5.13; 18 or more occurrences): in some places the manuscript evidence is divided between the two.

#### D5.14 PRESENT MIDDLE AND PASSIVE (λύω)

SN	λυόμενος	λυομένη	λυόμενον
A	λυόμενον	λυομένην	λυόμενον
G	λυομένου	λυομένης	λυομένου
D	λυομένφ	λυομένη	λυομένφ
PN	λυόμενοι	λυόμεναι	λυόμενα
A	λυομένους	λυομένας	λυόμενα
G	λυομένων	λυομένων	λυομένων
D	λυομένωις	λυομέναις	λυομένοις

THIS PARADIGM is identical with D4.2.

#### D5.15 AORIST MIDDLE (λύω)

SN	λυσάμενος	λυσαμένη	λυσάμενον
A	λυσάμενον	λυσαμένην	λυσάμενον
G	λυσαμένου	λυσαμένης	λυσαμένου
D	λυσαμένου	λυσαμένης	λυσαμένω
PN	λυσάμενοι	λυσάμεναι	λυσάμενα
A	λυσαμένους	λυσαμένας	λυσάμενα
G	λυσαμένων	λυσαμένων	λυσαμένων
D	λυσαμένοις	λυσαμέναις	λυσαμένοις

#### D5.16 PERFECT MIDDLE AND PASSIVE (λύω)

SN	λελυμένος	λελυμένη	λελυμένον
A	λελυμένον	λελυμένην	λελυμένον
G	λελυμένου	λελυμένης	λελυμένου
D	λελυμένου	λελυμένης	λελυμένου
PN	λελυμένοι	λελυμέναι	λελυμένα
A	λελυμένους	λελυμένας	λελυμένα
G	λελυμένων	λελυμένων	λελυμένων
D	λελυμένοις	λελυμέναις	λελυμένων

# D5.17 AORIST PASSIVE (λύω)

S N	λυθείς	λυθεισα	λυθέν
Α	λυθέντα	λυθεισαν	λυθέν
G	λυθέντος	λυθείσης	λυθέντος
D	λυθέντι	λυθείση	λυθέντι
ΡΝ	λυθέντες	λυθεῖσαι	λυθέντα
Α	λυθέντας	λυθείσας	λυθέντα
G	λυθέντων	λυθεισών	λυθέντων
D	$\lambda \upsilon \theta \varepsilon i \sigma \iota (v)$	λυθείσαις	λυθεῖσι(ν)

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

#### D5.34 PRESENT MIDDLE AND PASSIVE (δίδωμι)

διδόμενος	διδομένη	διδόμενον
διδόμενον	διδομένην	διδόμενον
διδομένου	διδομένης	διδομένου
διδομένφ	διδομένη	διδομένφ
διδόμενοι	διδόμεναι	διδόμενα
διδομένους	διδομένας	διδόμενα
διδομένων	διδομένων	διδομένων
διδομένων	διδομέναις	διδομένων

SO ALSO the other C3 verbs.

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

θέμενος	θεμένη	θέμενον
θέμενον	θεμένην	θέμενον
θεμένου	θεμένης	θεμένου
θεμένφ	θεμένη	θεμένφ
θέμενοι	θέμεναι	θέμενα
θεμένους	θεμένας	θέμενα
θεμένων	θεμένων	θεμένων
θεμένοις	θεμέναις	θεμένοις

#### D5.36 PERFECT MIDDLE AND PASSIVE

# NO THIRD CONJUGATION FORMS ARE FOUND

IN THE NEW TESTAMENT

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

σταθείς	σταθεῖσα	σταθέν
σταθέντα	σταθεῖσαν	σταθέν
σταθέντος	σταθείσης	σταθέντος
σταθέντι	σταθείση	σταθέντι
σταθέντες	σταθεῖσαι	σταθέντα
σταθέντας	σταθείσας	σταθέντα
σταθέντων	σταθεισῶν	σταθέντων
σταθεῖσι(ν)	σταθείσαις	σταθεῖσι(ν)

D bi el

D ai

m

T

D

of

no

al

**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  $\theta \varepsilon i \varsigma$  (D5.32).

280

#### D5.18 FUTURE ACTIVE $(\lambda \dot{\upsilon} \omega)$

SN	λύσων	λύσουσα	λῦσον	<b>Μ/Ν G</b> λύσοντος
----	-------	---------	-------	-----------------------

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 $(\lambda \dot{\upsilon} \omega)$

Middle: S N	λυσόμενος	λυσομένη	λυ <del>σ</del> όμενον	M/N G	λυσομένου
Passive: S N	λυθησόμενος	λυθη <i>σ</i> ομένη	λυθησόμενον	M/N G	λυθησομένου

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			<b>D6.2 THE RELATIVE</b>			
	Masculine	Feminine	Neuter	Masculine	Feminine	Neuter	
S N	ó	ή	τό	őς	ή	ő	
Α	τόν	τήν	τό	Őv	ή̈́ν	ő	
G	τοΰ	$ au \hat{\eta} \zeta$	$ au o \hat{v}$	$o \hat{v}$	ής	$o \vartheta$	
D	$ au \hat{arphi}$	$ au \hat{\eta}$	$ au \hat{arphi}$	ယ်	ทั้	$\phi$	
ΡΝ	oi	αί	τά	οΐ	αἵ	ă	
A	τούς	τάς	τά	οὕς	άς	ά	
G	τῶν	τῶν	τῶν	ŵv	ฉึ่ง	ώv	
D	τοῖς	ταῖς	τοῖς	οίς	αίς	οίς	

**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  $-\alpha_7$  [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  $-\zeta$  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  $\delta\zeta$ ,  $\eta$ ,  $\delta$  are:  $\lambda\lambda \delta\zeta$ ,  $-\eta$ , -o, "another", and  $\lambda\epsilon\kappa\epsilon v\delta\zeta$ ,  $-\eta$ , -o, "that (one)", "those".

**D6.4 DEMONSTRATIVE** 

**PRONOUN** 

#### 282

#### **D6.3 PERSONAL PRONOUNS**

PERSON S N A G D P N A G D	N: 1st ἐγώ ἐμέ/με ἐμοῦ/μου ἐμοῖ/μοι ἡμεῖς ἡμῶς ἡμῶν ἡμῶν ἡμῖν	2nd σύ σοῦ σοῦ ὑμεῖς ὑμᾶς ὑμῶν ὑμῖν	3rd m. αὐτός αὐτόν αὐτοῦ αὐτοῦ αὐτοῦ αὐτούς αὐτῶν αὐτοῖς	3rd f. αὐτή αὐτήν αὐτῆς αὐτῆ αὐταί αὐταί αὐτάς αὐτῶν αὐταῖς	3rd n. αὐτό αὐτό αὐτοῦ αὐταῦ αὐτά αὐτά αὐτῶν αὐτῶς	<ul> <li>m.</li> <li>ούτος</li> <li>τούτον</li> <li>τούτου</li> <li>τούτοι</li> <li>τούτους</li> <li>τούτων</li> <li>τούτοις</li> <li>τούτοις</li> </ul>	f. αὕτη ταύτην ταύτης ταύτη αὕται ταύτας τούτων ταύταις	n. τοῦτο τοῦτου τούτου τοῦτα ταῦτα τοῦταν τοῦτων τοῦτοις
--	--	--	--	--	--	--	---	--

See #3.31-34; #A3.21-25.

## THE INTENSIVE ADJECTIVE/PRONOUN

This has the same 24 forms as  $\alpha \dot{\upsilon} \tau \dot{\upsilon} \zeta$ , but has the meaning "-self" in all persons; or "very". It precedes the article. Thus,  $\alpha \dot{\upsilon} \tau \dot{\upsilon} \zeta \dot{\upsilon} \theta \varepsilon \dot{\omega} \zeta$ , "God himself" (L6/B10);  $\dot{\epsilon}v \alpha \dot{v} \tau \hat{\eta} \tau \hat{\eta} \dot{\eta} \mu \dot{\epsilon} \rho \alpha$ , "on that very day" (L9/B1 and B7).

#### THE SPECIFIC ADJECTIVE/PRONOUN

See #3.32-36; #A3.26.

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

D6.5 THE	5 E INTERRO	GATIVE	D6.6 THE IND	EFINITE	<b>D6.7 THE</b>	NUMERICA ONE	LS:
	Personal	Neuter	Personal	Neuter	Masculine	Feminine	Neuter
SN A G D	τίς τίνα τίνος τίνι	τί τί τίνος τίνι	τις τινά τινός τινί	τι τι τινός τινί	εἶς ἕνα ἑνός ἑνί	μία μίαν μιᾶς μιᾶ	ἕν ἕν ἑνός ἑνί
-					TWO	THR	EE
PN A G D	τίνες τίνας τίνων τίσι(ν)	τίνα τίνα τίνων τίσι(ν)	τινές τινάς τινῶν τισί(ν)	τινά τινά τινῶν τισί(ν)	<b>Μ/F/N</b> δύο δύο δύο δυσί (ν)	Personal τρεῖς τρεῖς τριῶν τρισί(ν)	Neuter τρία τρία τριῶν τρισί(ν)

The Interrogative Pronoun, "who?" and the Indefinite Pronoun "some", "any", differ only in their accent.

Like  $\varepsilon \tilde{\zeta} \zeta$  are declined: ούδείς, ούδεμία, ούδέν, and μηδείς, μηδεμία, μηδέν, "no-one".

	D6.8 THE REFLEXIVE: SINGULAR			PLURAL			D6.9 THE RECIPROCAL		
	himself	herself	itself	-selves (m)	-selves (f)	-selves (n)		one another	r.
A G D	ἑαυτόν ἑαυτοῦ ἑαυτῷ	έαυτής		έαυτούς έαυτῶν έαυτοῖς	ἑαυτάς ἑαυτῶν ἑαυταῖς	έαυτά έαυτῶν έαυτοῖς	PA G D	άλλήλων	
	Similarly: ἐμαυτόν, myself; σεαυτόν, yourself (sg).		Note that in the plural the same word is used for all three persons:			Oblique plural only.			

ourselves, yourselves, themselves.

a ir d