Manx Gaelic inflection, 1. Noun plurals

Of the grammatical works on Manx Gaelic, it is A. Cregeen's *A Dictionary of the Manks Language* that provides by far the most detail of inflectional morphology. And it was prepared at a time when Manx was a living community language with a large number of native speakers. In this series of studies, I attempt to extract from the dictionary¹ Cregeen's contribution to a descriptive grammar of 'Classical Manx' —the language of written texts of the period 1700-1830. The information on plural inflections that follows in this first section is derived from Cregeen's *Dictionary*, as are the meanings given. Where Cregeen mentions alternative inflections, I have added some information about usage in the Manx Bible. The classification of the inflectional patterns, however, is my own.

Most nouns in Manx Gaelic make their plural by adding a suffix. Nearly all the plural suffixes end in -yn (with a couple of words in -in) -these are class 1 below. The subclasses of class 1 are those in which some additional element intervenes between the stem and -vn; thus class 1a1 -ghyn, class 1a2 -aghyn, class 1b -dyn or -jyn, class 1c1 -nyn, class 1c2 -inyn, class 1c3 -eynyn, class 1d1 -tyn or -tchyn, class 1d2 -teeyn, class 1d3 -teenyn, class 1e1 -eeyn, class 1e2 -eenyn, class 1f -in. The only other plural suffix (class 2) is -ee. Mostly the suffixes are simply added to the singular stem, but in a few cases a final unstressed syllable may be lost before the plural suffix. Final unstressed svllables that mav be lost are -ev (/9/), -ee, -agh, -in, -ing, -aght: these elements that are absent in the plural could well be interpreted as nominative singular suffixes.²

There are a very few examples of the loss in the plural of the endings -ag, and -at (probably best seen as involving irregular stem alternation). Of these endings that are are omitted in the plural, -ey is always lost (except in $oltey \rightarrow olteynyn$ 'member), and -agh is generally lost: $-agh \rightarrow -ee$; -ee and -in tend to be retained in the plural suffixes -eeyn and -inyn respectively (which are also found after other kinds of stems); -aght is retained before the default plural suffix -yn. In a few irregular cases plural suffixation is accompanied by some change in the stem.

Classes 3-5 are of plurals without suffixation. Class 3 consists of nouns which in the plural replace a broad final consonant with a slender one (e.g. *cabbyl* \rightarrow *cabbil* 'horse') or occasionally the reverse (*koir* \rightarrow *koiyr* 'box'). Class 4 consists of nouns in which the stem vowel is raised/fronted in the plural; the following consonant generally becomes slender (if it was not already). There are some 60 nouns of class 4 in Cregeen. In the section below, nouns of class 4 are grouped according to the vowel of the singular stem and how it changes in the plural. Class 5 consists of nouns with a wholly irregular, suppletive or indeclinable plural —four members in Cregeen.

Three classes may be called 'default' classes —very common patterns that are to be assumed unless an alternative is explicitly mentioned. The first default class is class 1, plurals in -yn, which is the commonest suffix, and which can be found with nouns whose stems end in any possible way. The second is class 1a2 - aghyn, which is the default plural for nouns ending in -ey (e.g. $caggey \rightarrow caggaghyn$ 'war'); this

¹ See Wheeler, Max W. 2015. Fockleyr Chregeen aa-orderit,

https://www.academia.edu/12154331/Fockleyr_Chregeen_aaorderit_liorish_Max_W._Wheeler

² Note that *-ee* is also a noun plural suffix; but *flaiee* 'imp, imps' may be the sole example of the same suffix used in both functions (syncretism of number).

class includes many gerunds/verbal nouns. The third default class is class 2, where singular *-agh* is replaced by *-ee* in the plural; this class includes many agent nouns such as *cummaltagh* \rightarrow *cummaltee* 'inhabitant'.

In Table 1 the noun plural inflection classes are related to the phonological form of the stems that display them.

	1 : plural suffixes ending in -yn (or -in)														3	4	5
ending	1	1a1	1a2	1b	1c1	1c2	1c3	1d1	1d2	1d3	1e1	1e2	1f				
	-yn	-ghyn	-aghyn	-d/jyn	-nyn	-inyn	-eynyn	-tyn	-teeyn	-teenyn	-eeyn	-eenyn	-in	-ee	C~C ^j	Int	Misc.
-C	✓		\checkmark	4	~	✓	(1)	1	\checkmark	3	4	(1)		2	\checkmark	~	4
$\#C_0V$	\checkmark	~	\checkmark		 ✓ 			1					2	3		1	
$\sigma C_0 V$	 ✓ 													1		~	
σC ₀ -ey	✓		✓	3			1	1			✓			4			
σC ₀ -ee	(→1e1)		2					3			✓	2		1			
σC_0 -agh	(→1a2)		\checkmark								✓			 ✓ 			
σC_0 -in	(→1c2)			2		✓		1			✓						
σC_0 -ing	+										2						
σC_0 -aght	+										3						
σC ₀ -ag	+		1								1						
σC_0 -at	+													1			

Table 1. Noun plural classes according to word endings.

 \checkmark = more than four examples in Cregeen. Highlighted \checkmark corresponds to default classes whose members are not exhaustively listed below. -C: words ending in a consonant, C_0V : monosyllables ending in a vowel, σC_0V : polysyllables ending in an unstressed vowel,

 σ C₀-: polysyllables ending in.... Int: internal stem vowel change.

Class 1 -yn includes some examples with orthographic changes in the plural. For example, final -s is usually doubled, e.g. slattys \rightarrow slattyssyn 'statute'. Sonorants /l, m, n, r/ which are syllabic in the singular (variously spelt) become consonantal before -yn in the plural,

such as *fockle* \rightarrow *focklyn*, *feeackle* \rightarrow *feeacklyn* 'tooth', *moggyl* \rightarrow *mogglyn* 'mesh', *ennym* \rightarrow *enmyn* 'name'. Class 1 includes many of the nouns that end in a stressed vowel (mostly monosyllables), though

others are in classes 1a1, 1a2, 1d1, 1f, 2 and 4. The ones that are in class 1 are listed here.

Class 1, stressed vowel-final stem:

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craue \rightarrow craueyn 'bone',
criv \rightarrow crivvn (also class 1a2 crivaghyn) 'gallows'.
crou \rightarrow crouyn 'horseshoe',
faaue \rightarrow faaueyn 'hint',
feh \rightarrow fehyn 'tendon',
feiv \rightarrow feivvn (or class 1a1 feighvn) 'fathom'.
fraue \rightarrow fraueyn 'root',
gah \rightarrow gahyn 'sting',
gaue \rightarrow gauevn 'hazard'.
gleih\rightarrow gleihyn 'handful of corn',
gloo \rightarrow glooyn 'warp'.
graih \rightarrow graihyn 'love',
greie \rightarrow greieyn (or class 1a1 greighyn) 'tool',
imnea \rightarrow imneayn (or class 1a1 imneaghyn) 'anxiety',
jurnaa \rightarrow jurnaayn (Bib<sup>3</sup> x0, or class 1a1 jurnaaghyn Bib
          'journey'.
x6)
musthaa \rightarrow musthaavn 'tumult'.
oaie \rightarrow oaieyn 'face',
ooh \rightarrow oohyn 'egg',
screau \rightarrow screauyn 'kiln last',
sneih \rightarrow sneihyn 'vexation'.
staa \rightarrow staayn 'hedge-making team of three',
straue \rightarrow straueyn 'straw',
stroo \rightarrow strooyn 'current',
teigh \rightarrow teighyn 'hatchet',
traa \rightarrow traayn (Bib x0, or class 1a1 traaghyn Bib x24)
          'time'.
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traie \rightarrow traieyn 'shore',
        trie \rightarrow trieyn 'sole of foot',
        troo \rightarrow trooyn (or class 1a1 trooghyn) 'envy' (27).
Words that end in unstressed /-\partial/(-ey) are typically in class 1a2, pl.
in -aghyn.
Unusually, -ey words in class 1 are: baatey \rightarrow baatyn 'boat',
        beealerey \rightarrow beealeryn 'babbler'.
        bitchey \rightarrow bitchyn 'bitch',
        bochilley \rightarrow bochillyn 'herder',
        breagerey \rightarrow breageryn 'liar',
        broatchey \rightarrow broatchyn 'a quantity of yarn or thread wound
                 on a spindle without a spool',
        guilley \rightarrow guillyn 'boy',
        kerraghev \rightarrow kerraghvn 'punishment'.
        lhuddyrey \rightarrow lhuddyryn 'mangler',
        maidjey \rightarrow maidjyn 'stick',
        orraghey \rightarrow orraghyn 'shot',
        paitchey \rightarrow paitchyn 'child',
        palchev \rightarrow palchyn (or class 1a2 palchaghyn) 'plenty',
        soylaghey \rightarrow soylaghyn 'comparison' (14).
Words ending in other unstressed vowels fall into class 1 by default,
such as chymlee \rightarrow chymleeyn 'chimney', earroo \rightarrow earrooyn
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such as $chymlee \rightarrow chymleeyn$ chimney, $earroo \rightarrow earrooyn$ 'number', *shelliu* \rightarrow *shelliuyn* 'salve', &c.; the exceptions are mentioned below (in class 1a2, class 1d1, and class 2).

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A few nouns of class 1 display stem variation. These are:

baagh \rightarrow beiyn 'animal',

bannish \rightarrow banjyn 'wedding',

crackan \rightarrow craitnyn (Bib x 13, also reg. crackanyn Bib x0)

'skin',
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³ Bib = Manx Bible.

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ingin (Bib. has sg. yngyn) \rightarrow yngnyn 'nail, hoof',
saagh \rightarrow siyn 'vessel';
in raad \rightarrow raaidyn the variation is orthographic only.
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Class 1a1, plurals in *-ghyn*, consists exclusively of nouns ending in a stressed final vowel (nearly all monosyllables). It is the preferred class for such nouns. NB *-e*, *-h* are usually dropped in spelling before *-ghyn*; there are a few other spelling changes.

Nouns of class 1a1:

 $aae \rightarrow aaghyn$ 'arch, ford', $bhow \rightarrow bhowghyn$ 'bow', $blaa \rightarrow blaaghyn$ 'flower', $bleih \rightarrow bleighyn$ 'halfling', $broo \rightarrow brooghyn$ 'bruise', $clou \rightarrow cloughyn$ 'pair of tongs', $crea \rightarrow creaghyn$ 'creed', $crou \rightarrow croughyn$ 'felloe', $crouw \rightarrow crouwghyn$ 'bunch growing on one stem', $dreih \rightarrow dreighyn$ 'wretch', *feiy* \rightarrow *feighyn* (also class 1 *feivyn*) 'fathom'. $geay \rightarrow geayghyn$ 'wind', $ghaw \rightarrow ghawghyn$ 'creek', $gloo \rightarrow glooghyn$ (also class 1 glooyn) 'warp', greie \rightarrow greighyn (also class 1 greieyn) 'tool', $griu \rightarrow griughyn$ 'loot, stolen goods', $groo \rightarrow grooghyn$ 'curd', $imnea \rightarrow imneaghyn$ (also class 1 imneayn) 'anxiety', $jee \rightarrow jeeghyn$ (also class 1a2 *jeeaghyn*, both very frequent in Bib) 'god', $jurnaa \rightarrow jurnaaghyn$ (Bib x6, also class 1 jurnaayn) 'journey', $key \rightarrow keyghyn$ 'quay'.

 $key \rightarrow keyghyn$ 'cream', $laa \rightarrow laghyn$ 'day', *lieh* \rightarrow *liehghyn* 'half', $loo \rightarrow looghyn$ 'oath', $mee \rightarrow meeghyn$ 'month', *nhee* \rightarrow *nheeghyn* (Bib x33, also class 1a2 *nheeaghyn*) 'thing'. $niau \rightarrow niaughyn$ 'heaven', $noo \rightarrow nooghyn$ 'saint', $oaie \rightarrow oaieghyn$ (Bib x0, or class 1a2 oaiaghyn Bib x26) 'grave'. $oe \rightarrow oeghyn$ 'grandchild', $oie \rightarrow oieghyn$ 'night', $ooh \rightarrow ooghyn$ 'udder', $raa \rightarrow raaghyn$ 'saying', $ree \rightarrow reeghyn$ (also class 1a2 reeaghyn) 'king', *reih* \rightarrow *reighvn* 'choice'. $rio \rightarrow rioghyn$ 'frost', $roa \rightarrow roaghyn$ 'row'. $roo \rightarrow rooghyn$ 'ruff', shee \rightarrow sheeghyn 'peace', shey \rightarrow sheyghyn 'six', shleiy \rightarrow shleiyghyn 'spear', $skah \rightarrow skahghyn$ 'ear mark', $skah \rightarrow skahghyn$ 'shedding wind', skeiy \rightarrow skeiyghyn 'faggot', $soo \rightarrow sooghyn$ 'juice', $speiy \rightarrow speiyghyn$ 'hoe', $spreih \rightarrow spreighyn$ 'sprinkle', $stoo \rightarrow stooghyn$ 'stuff', $strah \rightarrow strahghyn$ 'plain', $tey \rightarrow teyghyn$ 'tea',

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thoo → thooghyn 'thatch',
thow → thowghyn 'a line used to tie the buoy to the net in
fishing',
traa → traaghyn (Bib x24, also class 1 traayn) 'time',
troo → trooghyn (also class 1 trooyn) 'envy' (55).
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Class 1a2, plurals in *-aghyn*, is, as mentioned previously, the default class for the many nouns ending in unstressed *-ey* (well over 200 items in Cregeen). It also contains some nouns ending in stressed final vowels (most of which fall in 1a1).

There are a few nouns ending in *-agh* which add *-yn*, as in class 1; these may perhaps better be seen as *-agh* \rightarrow *-aghyn*, class 1a2. (Most nouns in *-agh* fall in class 2 *-ee*, and a few in class 1e1 *-eeyn*.)

Class 1a2 nouns in *-agh* \rightarrow *-aghyn*: $chiollagh \rightarrow chiollaghyn$ 'hearth', $claasagh \rightarrow claasaghyn$ 'harp', $coodagh \rightarrow coodaghyn$ 'covering', $famlagh \sim famyragh \rightarrow famlaghyn \sim famyraghyn$ 'seaweed', $giucklagh \rightarrow giucklaghyn$ 'broom', $imbagh \rightarrow imbaghyn$ 'season', $keeagh \rightarrow keeaghyn$ 'breast' $miolagh \rightarrow miolaghyn$ 'temptation', $niurinagh \rightarrow niurinaghyn$ 'inhabitant of hell', $oardagh \rightarrow oardaghyn$ 'order', $peegagh \rightarrow peegaghyn$ 'skate, thornback', $screeagh \rightarrow screeaghyn$ 'screech' $shaslagh \rightarrow shaslaghyn$ 'bent grass' $ynsagh \rightarrow ynsaghyn$ 'kearnung, doctrine' (14). Class 1a2 nouns ending in stressed final vowels: $baie \rightarrow baieaghyn$ 'bay', $cree \rightarrow creeagahyn$ 'heart', $criy \rightarrow crivaghyn$ (also class 1 criyyn) 'gallows',

 $gaih \rightarrow gaiaghyn \sim gaihaghyn$ 'toy', $jee \rightarrow jeeaghyn$ (also class 1a1 jeeghyn) 'god', $leigh \rightarrow leighaghyn$ 'law', $lhiy \rightarrow lhiyaghyn$ (also class 1c1 lhiynyn) 'colt', $meih \rightarrow meihaghyn$ 'scale, balance', $nhee \rightarrow nheeaghyn$ (also class 1a1 nheeghyn) 'thing', $oaie \rightarrow oaiaghyn$ 'grave' (Bib x26, also class 1a1 oaieghyn), $py \rightarrow pyaghyn$ 'pie', $ree \rightarrow reeaghyn$ (Bib passim), $roih \rightarrow roihaghyn$ 'arm' (13).

Class 1a2 also contains a fair number of nouns with stems ending in consonants. Several end in *-r*, including many family relationships.

Class 1a2 nouns ending in consonant: -r: $ayr \rightarrow ayraghyn$ 'father', $braar \rightarrow braaraghyn$ 'brother', $cheer \rightarrow cheeraghyn$ 'land', $glare \rightarrow glaraghyn$ 'language', $gloyr \rightarrow gloyraghyn$ 'glory', $moir \rightarrow moiraghyn$ 'mother', $mooir \rightarrow mooiraghyn$ 'sea', $mooirchoor \rightarrow mooirchooraghyn$ 'wreck', $obbyr \rightarrow obbraghyn$ 'work', $oor \rightarrow ooraghyn$ (also class 1 *ooryn*) 'hour', $pooar \rightarrow pooaraghyn$ 'power', $shuyr \rightarrow shayraghyn$ (with stem vowel change) 'sister', $spoar \rightarrow spoaraghyn$ 'space' (13). Other consonants:

 $bing \rightarrow bingaghyn$ 'jury', $pinn \rightarrow pinnaghyn$ 'peg', $skynn \rightarrow skynnaghyn$ (also class 1 skynnyn Bib x5) 'knife'. Cregeen also gives class 1a2 plurals for *dolt* 'ward, adopted child', *feysht* 'question', *freayn* 'overflow', *sheid* 'blow, puff', *strull* 'rinse', *teaum* 'spill', \rightarrow *doltaghyn*, etc., but it seems likely these are properly the plurals of the related or synonymous nouns *doltey*, *feyshtey*, *freayney*, *sheidey*, *strulley* and *teaumey*.

Other class 1a2:

lhiabbee → lhiabbaghyn (Bib x8) 'bed', lhiattee → lhiattaghyn (Bib x0, or class 1e1 lhiatteeyn Bib x20) 'side'; scrobbag → scrobbaghyn (Bib x1) 'gizzard'.

Class 1b, plurals in broad *-dyn* or slender *-jyn*, contains no more than 9 nouns altogether, in three 'rare' types.

Class1b:

 $ard \rightarrow ardjyn$ 'height', $foill \rightarrow foiljyn$ 'fault', $keyll \rightarrow keyljyn$ 'wood, forest', $oayll \rightarrow oayldyn$ 'haunt'; $balley \rightarrow baljyn$ 'town', $billey \rightarrow biljyn$ 'tree', $carrey \rightarrow caarjyn$ 'friend'; $mwyllin \rightarrow mwyljin$ 'mill', $uillin \rightarrow uiljyn$ 'elbow'.

Likewise, class 1c1 in *-nyn* consists of no more than 10 nouns, several with alternative inflections.

Class 1c1 nouns:

 $bayr \rightarrow bayrnyn$ (also class 1 bayryn) 'road', $briw \rightarrow briwnyn$ 'judge', $cliwe \rightarrow cliwenyn$ 'sword', $craiu \rightarrow craiunyn$ 'crowbar', $gaaue \rightarrow gaauenyn$ 'smith', $greme \rightarrow gremenyn$ (also class 1) 'bite, bit', $lhiy \rightarrow lhiynyn$ (Bib x2, also class 1a2 *lhiyaghyn*) 'colt', $mie \rightarrow mienyn$ 'virtue', $saaue \rightarrow saauenyn$ (also class 1 saaueyn, Bib x4) 'saw', $snaie \rightarrow snaienyn$ 'thread', $taaue \rightarrow taauenyn$ 'retch'.

There is but a handful of nouns in class 1c2 *-inyn*, most with regular class 1 alternatives.

Class 1c2:

 $broogh \rightarrow brooinyn$ (with stem change) 'brink, verge', $dreeym \rightarrow dreeyminyn$ (also class 1 dreeymyn) 'back', $jeeig \rightarrow jeeiginyn$ (also class 1 jeeigyn, Bib x4) 'ditch', $jough \rightarrow joughinyn$ (also class 1 joughyn) 'drink', $rass \rightarrow rassinyn$ (also class 1 rassyn, Bib x1) 'seed', $traagh \rightarrow traaghinyn$ (also class 1 traaghyn) 'hay'. See also under 1e1 cuishlin, drillin, pishin, shiaghtin.

Class 1c3:

 $jaagh \rightarrow jaagheynyn$ (also class 1 jaaghyn) 'smoke', oltey \rightarrow olteynyn 'member (of a society)'.

Class 1d1:

 $blein \rightarrow bleeantyn$ 'year' (with stem change of vowel and slender \rightarrow broad consonant); $slieau \rightarrow sleityn [tf]$ 'mountain'; $lheiney \rightarrow lheintyn [tf]$ 'shirt'; $bwoaillee \rightarrow bwoailtchyn$ 'sheepfold', $lheeannee \rightarrow lheeantyn$ 'meadow', $moanee \rightarrow moaintyn$ 'turbary' (also class 1e1 moaneeyn); $geaylin \rightarrow geayltyn [tf]$ 'shoulder'. Class 1d2 in *-teeyn*, contains a handful of nouns with stems ending in /n/, plus one ending in slender $/l^{j}/$:

Class 1d2:

glion → glionteeyn 'glen', lieen → lieenteeyn (also class 1d3 -teenyn, Bib x8) 'linen, net', oarn → oarnteeyn 'barley', raane → raanteeyn (also class 1d3 -teenyn, Bib x5) 'surety', raun → raunteeyn (also class 1 raunyn, Bib x1) 'seal', streean → streeanteeyn (also class 1 streeanyn, Bib x3) 'bridle', stroin → strointeeyn 'nose' (also class 1, stroanyn, with stem change, Bib x9 'noses' and 'nostrils'); maail → maailteeyn (also class 1 maailyn) 'rent' (8). Cregeen gives kerrinyn as the plural both of kerrin 'square' and of kerroo 'quarter'; in the latter case it is quite irregular — unstressed final -oo is not otherwise lost in plurals. Other sources give kerrooyn (class 1) as the plural of kerroo.

Class 1d3, in -teenyn:

 $keeill \rightarrow kialteenyn$ (with stem change of vowel and slender \rightarrow broad consonant),

lieen \rightarrow *lieenteenyn* 'linen, net' (also class 1d2 *lieenteeyn*, and *lieenyn* LSM),

 $raane \rightarrow raanteenyn$ (Bib x5, also class 1d2 raanteeyn Bib x0) 'surety'.

Class 1e1, plurals in *-eeyn*, largely consists of nouns where an unstressed final syllables is deleted before the suffix. For nouns

ending in *-agh*, class 1e1 is the next preferred pattern after the default class 2 (*-agh* \rightarrow *-ee*).

Class 1e1, $-ey \rightarrow -eeyn$: $attey \rightarrow atteeyn$ (also class 1a2 attaghyn) 'crown, capital',⁴ $bunney \rightarrow bunneeyn$ 'sheaf', $kynney \rightarrow kynneeyn$ 'kindred', $losserey \rightarrow lossreeyn$ 'herb' (with elision of medial syllable), $moghrey \rightarrow moghreeyn$ 'morning', $troagyrey \rightarrow troagyreeyn$ 'trudger' (6).

Class 1e1, $-agh \rightarrow -eeyn$:

 $cagliagh \rightarrow cagleeyn$ (NB -*i*- elided; Bib x 6, also class 1a2 cagliaghyn, Bib x8) 'boundary', $claddagh \rightarrow claddeeyn$ 'river bank', $colbagh \rightarrow colbeevn$ 'heifer'. $connysagh \rightarrow connyseeyn$ 'teaser', $coonlagh \rightarrow coonleevn$ 'straw', $curragh \rightarrow curreeyn$ 'bog', $cruinlagh \rightarrow cruinleevn$ 'orbit', $eaddagh \rightarrow eaddeeyn$ 'clothes, garment', $geinnagh \rightarrow geinneeyn$ 'sand', $gounagh \rightarrow gouneeyn$ 'a cow is so called, strictly speaking, on being a quarter of a year done calving', $ingagh \rightarrow ingeeyn$ 'train of nets', $joanlagh \rightarrow joanleeyn$ 'drizzle', $keynnagh \rightarrow keynneeyn$ 'moss', $lhargagh \rightarrow lhargeeyn$ 'downward slope', $mullagh \rightarrow mulleevn$ 'top'. $oarlagh \rightarrow oarleeyn$ 'inch', queeylagh \rightarrow queeleeyn 'band, binding',

⁴ In the Bible *attaghyn* is used only for 'crowns' (x7) while *atteeyn* is used for both 'crowns' (x4) and 'column capitals' (x11).

 $rhennagh \rightarrow rhenneeyn$ 'fern', $rimlagh \rightarrow rimleeyn$ 'fishing line', $scoarnagh \rightarrow scoarneevn$ 'throat', $scudlagh \rightarrow scudleeyn$ 'luggage', $skyrtlagh \rightarrow skyrtleeyn$ 'lapful', $smooirlagh \rightarrow smooirleevn$ 'debris, fragment', $streebagh \rightarrow streebeevn$ 'prostitute'. $taarnagh \rightarrow taarneeyn$ 'thunder', $tarragh \rightarrow tarreeyn$ 'girth', $tullagh \rightarrow tulleevn$ 'instant'. $ughtagh \rightarrow ughteeyn$ 'upward slope' (28). Class 1e1, $-in \rightarrow -eevn$: $cuishlin \rightarrow cuishleeyn$ (also class 1c2 cuishlinyn, Bib x1) 'vein'. $drillin \rightarrow drilleeyn$ (also class 1c2 drillinyn) 'spark', $glashtin \rightarrow glashteeyn$ 'goblin', murlhin \rightarrow murlheeyn 'hamper', $perkyn \rightarrow perkeeyn$ 'porpoise', $pishin \rightarrow pisheeyn$ (also class 1c2 pishinyn) 'kitten', shiaghtin \rightarrow shiaghteeyn (Bib x0, or class 1c2 shiaghtinyn Bib x14). skerin \rightarrow skereeyn 'splice', *skillin* \rightarrow *skilleyn* 'shilling', *puiddihn* (sic) \rightarrow *puiddeeyn* 'pudding', synnin \rightarrow synneeyn 'a tug or thong, from the middle of the small swingletree to the end of the large one, in which irons are now used'.

Other class 1e1:

 $annym \rightarrow anmeeyn$ (Bib x0, also class 1e2 anmeenyn) 'soul', $bleb \rightarrow blebeeyn$ (also class 1 blebyn) 'fool', $daunse \rightarrow daunseeyn$ 'dance', $laair \rightarrow laaireeyn$ 'mare'; $conning \rightarrow conneeyn$ (also class 1 conningyn Bib x1) 'rabbit', $farling \rightarrow farleeyn$ 'farthing'; $curnaght \rightarrow curneeyn$ 'wheat', $glasseraght \rightarrow glassereeyn$ 'herbage, vegetation', $shesheraght \rightarrow sheshereeyn$ 'plough team'; $crammag \rightarrow crummeeyn$ (with stem change) 'snail'.

Class 1e2, plural in *-eenyn*:

 $annym \rightarrow anmeenyn$ (Bib x34, or anmeeyn Bib x0) 'soul'; $Creestee \rightarrow Creesteenyn$ 'Christian', $jaghee \rightarrow jagheenyn$ 'tithe'.

Class 1f, plural in -in

 $clea \rightarrow clein$ (Bib x2, also *cleain*, *cleaiyn*) 'harrow, etc.', $coo \rightarrow coyin$ (with stem change of vowel) 'hound'.

The majority of the members of class 2, plurals in *-ee*, consists of nouns with the frequent nominal ending *-agh*, which is often a derivational suffix (as in *Manninagh*, person from *Mannin*, pl. *Manninee*, *scaipailtagh* 'fugitive', from *scaipail* 'slip out', pl. *scaipailtee*). There are occasional oddities of spelling.⁵ The remaining members of class 2 display infrequent patterns (see below).

Other class 2:

 $lugh \rightarrow lughee$ 'mouse',

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⁵ Thus *-iagh* generally becomes *-ee*, as in *maarliagh* \rightarrow *maarlee* 'thief', *markiagh* \rightarrow *markee* 'rider'. Note *feeagh* \rightarrow *fiee* (Bib x1) or *fee* 'raven', *mwaagh* \rightarrow *mwaaee* 'hare'.

 $eean \rightarrow eeanlee$ 'fowl' (NB inserted /l/); $cleiy \rightarrow cleiyee$ 'hedge', $guiy \rightarrow guoiee$ 'goose', $lheiy \rightarrow lheiyee$ 'calf'; $keyrrey \rightarrow kirree$ (with stem change of vowel) 'sheep', $ollay \rightarrow ollee$ 'swan', $moddey \rightarrow moddee$ 'dog', $urley \rightarrow urlee$ 'eagle'; $feeaih \rightarrow feeaihee^{6}$ 'deer', $flaiee \rightarrow flaiee$ 'imp' (NB pl. = sg.); $pieanat \rightarrow pieanee$ (also class 1 pieanatyn) 'magpie' (12).

Noun classes 3, 4 and 5 make their plurals by means of stem changes, without suffixes. In class 3 generally a final consonant which is broad is replaced by the corresponding slender consonant in the plural. In two cases the reverse is observed, to judge from the spelling, at least.⁷

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Class 3, sg. broad C \rightarrow pl. slender C:

beeal \rightarrow beill 'mouth',

cabbyl \rightarrow cabbil 'horse',

caabyl \rightarrow caabil 'cable',

carbyd \rightarrow carbid (also class 1 carbydyn) 'bier',

carkyl \sim kiarkyl \rightarrow carkil \sim kiarkil (also class 1 kiarkylyn)

'circle',

criggyl \rightarrow criggil (also class 1 criggylyn) 'cripple',

cubbyl \rightarrow cubbil 'couple',

eayn \rightarrow eayin 'lamb',

eean \rightarrow ein 'chick',

farbyl \rightarrow farbil 'tail',

farkyl \rightarrow farkil 'lid',
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foawr \rightarrow foawir 'giant', goayr \rightarrow goair 'goat', groudle \rightarrow groudil 'crowder' (i.e. 'fiddler'), jouyl \rightarrow jouyil 'devil', kern-riaghyl \rightarrow kern-riaghil 'square', kirbyl \rightarrow kirbil 'lunch', moggyl \rightarrow moggil (or class 1 mogglyn) 'mesh', punt \rightarrow puint 'pound', purt \rightarrow puint (also class 1) 'harbour', sambyl \rightarrow sambil 'sample', shiaull \rightarrow shiauihll 'sail', staabyl \rightarrow staabil 'stable' (23); sg. slender C \rightarrow pl. broad C koir \rightarrow koiyr 'box', seyir \rightarrow sieyr 'carpenter'⁸ (2).

Class 4, plural by stem vowel change, plus slender consonant, indicated e.g. by orthographic -i- (60)

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|a| \rightarrow |e| \mod \mod \mod \mod \mod \mod

convayrt \rightarrow conveyrt 'carcase'

dow \rightarrow dew 'ox'

lhiannoo \rightarrow lhiennoo 'child'

mair \rightarrow meir 'finger'

marroo \rightarrow merriu 'dead person'

sack \rightarrow seick 'sack'

smair \rightarrow smeir 'berry'

sparroo \rightarrow sperriu 'sparrow'
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⁶ Cregeen says that the plural of *feeaih* is spelt *feeaihee*, although plural and singular are pronounced the same; the Manx Bible uses *feeaih* or *feeaih* for both singular and plural, *feeaihee* for plural.

Max Wheeler, April 2015

⁷ The pronunciation of *sieyr* 'carpenters' and *koiyr* 'boxes' is not attested in LSM. ⁸ The Manx Bible has, for 'carpenters', *sieyr* once, *seiyr* once, and *seyir*, identical with the singular, seven times.

 $sthowyr \rightarrow sthewir$ 'staff' $tarroo \rightarrow teirroo \sim terriu$ 'bull' $/a/ \rightarrow /i/$ ark \rightarrow irk 'young pig' $brack \rightarrow brick$ 'mackerel, trout' $gass \rightarrow gish$ 'stem' $glack \rightarrow glick$ 'hollow of the hand' $glass \rightarrow glish$ 'lock' $kayt \rightarrow kiyt$ 'cat' $kiap \rightarrow kip$ 'block' $lagg \rightarrow ligg$ 'hollow' $leac \rightarrow lhic$ 'slate' $stalk \rightarrow sthilk$ 'stalk' $car \rightarrow kvr$ 'twist' $cayr \rightarrow khyr$ 'knot in timber' *baair* \rightarrow *bhir* 'crop' $/a/\rightarrow/ui/$ bart \rightarrow buirht 'burden' $clag \rightarrow cluig$ 'bell, clock' $mart \rightarrow muirt$ 'beef' $/e/ \rightarrow /i/$ fer \rightarrow fir 'man, one' *bher* \rightarrow *bhir* 'spit' $edd \rightarrow idd$ 'nest', 'hat' $erroo \rightarrow irroo$ 'ploughman' *beark* \rightarrow *birk* 'corn' $/o/ \rightarrow /i/$ block \rightarrow blick 'block' $corp \rightarrow kirp$ 'body' $cronk \rightarrow crink$ 'hill' $gob \rightarrow gib$ 'beak' $jolg \rightarrow jilg$ 'thorn, kniting needle' *kione* \rightarrow *king* 'head, end'

 $sock \rightarrow sick$ 'ploughshare' *stott* \rightarrow *sthitt* 'bullock' $/o/ \rightarrow /ui/blod \rightarrow blhuid$ 'blade' $boayl \rightarrow buill$ 'ball' $boayl \rightarrow buill$ 'place' $boayrd \rightarrow buird$ 'table' $bock \rightarrow buick$ 'gelding' $bolg \rightarrow builg$ 'belly' *bwoid* \rightarrow *bwhid* 'penis' $croan \rightarrow cruin$ 'mast' *cront* \rightarrow *cruint* 'knot' $doarn \rightarrow duirn$ 'fist' $lorg \rightarrow luirg$ 'staff' $mohlt \rightarrow muihlt$ 'wether' $olk \rightarrow uilk$ 'evil' $poht \rightarrow pooiyt$ (Bib x9) ~ puyt ~ poiyt 'pot' $poyll \rightarrow puill$ 'pool' $spoht \rightarrow spuit (or class 1) 'spot'$ $stoyl \rightarrow stuill$ 'seat' $towl \rightarrow tuill$ 'hole' $poinht \rightarrow pouint$ 'leather lace' $/u/ \rightarrow /e!/$ dooiney \rightarrow deiney 'man' Class 5, wholly irregular, suppletive or syncretic plurals: $goo \rightarrow goan$ 'word' (irregular), $gauin \rightarrow gouney$ 'young bovine (between calf and heifer)' (irregular — no other example of -ey ending in noun plurals); $ben \rightarrow mraane$ 'woman' (suppletive);

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 $jeir \rightarrow jeir$ 'tear' (syncretic —plural difference merely orthographic).⁹

⁹ Given the observations made above, we should doubtless add to the nouns with base (syncretic) plurals: *feeaih* 'deer', *flaiee* 'imp(s)', and *seyir* 'carpenter(s)'.