onomatopoeic value altogether. This contrast shows that these vowels or consonants have onomatopoeic significance in these words.

The onomatopoeic words can be studied from the historical point of view also which will cover the loss and acquisition of onomatopoeic value by the words. There is also the study of Sound Symbolism in Tamil. But they have not been attempted in this study for they will exceed the limited scope of this work.

The onomatopoeic expressions which are neither reduplicatives nor echoes are called single onomatopoeic words. They have some characteristic features. They are not conjugated. If at all they are made into verbs, the verb that occurs with them is conjugated.

For example:

\[ \text{kağiṛ ēṇuṇāṉi aṭṭitu} \]

the bell rang producing the sound kağiṛ

Or, the auxiliary verbs ḫu or ṛu is added to them and these verbs are conjugated.

For example:

\[ \text{ṭiṇukkiṭṭaṅ, ṭiṇukkurṛaṅ 'he was startled'} \]

Nouns are derived from the single words very rarely. One finds only a few instances like cillippu ‘chillness’, tiṇukkīṭṭu ‘startling’.

These onomatopoeic words introduce new distribution of phonemes in the language. In Tamil the phonemes t, l, etc., will not occur in the initial position of a word. But in onomatopoeic words one finds occurrences like ṟanṇaṅ-al ‘expression signifying the sound of a bell’, lapakken-al ‘expression signifying suddenness (as in snatching away) or gulping’. Plosives come in the final position like tak-‘thudding sound’.

The syllabic pattern of these single words is (C1) v or (C1) VC2 or (C1) VC2 V C3. It is to be noted that the vowel is always short in the closed monosyllabic words and in the
initial syllable of the dysyllabic words. Though C1 is given as optional it is found in most of the cases. The final consonant is doubled in Sandhi before a vowel when the preceding vowel is short.

i. With en-

All the single onomatopoeic words can occur with this verb en-which means 'to say'. This verb is usually used for quotes. Other verbs or suffixes cannot occur with all the single words. Such words which do not occur with other verbs or suffixes but occur only with en form a majority. They are 163 out of 181 single words.

ammmenal
1. 'Experiment of humming.'
2. 'Experiment of filling or overflowing as of water.'

ollenal
'Sounding in a certain way.'

ovegal
'Sounding.' 'Experiment of signifying absolute darkness.'

kaŋtrenal
'regular as bell.'

kapukkegal
'sounding impetuously.'

kammegal
'being silent.'

kalukkegal
'Experiment of loud sharp sound as when laughing.'

kavenal
'crowing as crows.'

kiŋegal
'tinkling sound.'

kinjegal
'Experiment of signifying ringing sound.'

kiŋtrenal
1. 'Experiment of being full and tight.'

kiŋtlegal
1. 'Signifying tinkling clinking sound.'

kiŋtcegal
'Creaking noise.'

kupilegal
'Ssing burning, fiercely, rushing suddenly.'

kupilegal
1. 'Signifying being over whelmed as by excessive darkness.'

kulegal
'Signifying laughter.'

kavyegal
'bwaling, screeching.'

kayegal
'Experiment of signifying shouting.'

koppegal
'Moving quickly.'

kommegal
'Expression denoting luxuriance.'

kollegal
'Per an out burst of laughter.'

kollegal
'Signifying the sound of a drum or other musical instruments.'

kovegal
'Expression of bewailing making loud music, crying.'

caŋtakkenegal
'Harsh dull sound.'

caŋtakkenegal
'Clacking as when walking with wooden sandlels.'

caŋtakkenegal
'Crackling sound.'

caŋtakkenegal
'Haste.'

caŋtakkenegal
'Insipidity.'

caŋtakkenegal
'Majestic bearing, rushing sound.'

caŋtakkenegal
'Moving quickly.'

caŋtakkenegal
'Suddenness, haste.'

caŋtakkenegal
1. 'Expression of quickness, haste.'

caŋtakkenegal
'Clinking as of ornaments.'

caŋtakkenegal
'Being flexible or elastic.'

caŋtakkenegal
'Splashing sound.'

caŋtakkenegal
'Crashing sound.'

caŋtakkenegal
'Splashing.'

caŋtakkenegal
'Growling with anger.'

caŋtakkenegal
'Worrying with frequent crying.'

caŋtakkenegal
'Rapidity, being noisy.'

caŋtakkenegal
'Being impatient, being quick.'

caŋtakkenegal
'Being jealous.'

caŋtakkenegal
'Rustling as of palmyra leaves; spreading fire.'

caŋtakkenegal
1. 'Expression of quickness, haste.'

caŋtakkenegal
'Clinking as of ornaments.'

caŋtakkenegal
'Being flexible or elastic.'

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caŋtakkenegal
'Rustling as of palmyra leaves; spreading fire.'

caŋtakkenegal
1. 'Expression of quickness, haste.'
Onomatopoëia in Tamiḻ

cuppenal
- "Signifying the quick absorption of liquid"
cummeγal
- "Signifying breathing"
cuṟṟeγal
- "Stinging; hissing as water when in contact with fire"
curukkeγal
- "Stinging being smart"
cuḷḷeγal
- "Expr. of sternness; severity or pun of hay"
curukkeγal
- "Signifying quickness, stinging"
cuvenal
- "Silencing urging dogs, to attack"
cayγal
- "Expr. of contempt"
caiyγal
- "do"
cotakkeγal
- "Cracking noise"
cotukkeγal
- "Sharp sound as of a stroke with a cane or a smack with a whip"
cotteneγal
- "Sound as that of coconut falling on the ground"
cottēγal
- "Expression of signifying repeated sound as of coconuts falling on the ground one after another"
covēγal
- "Pattering of rain"
nerēγal
- "Expr. of haste; suddenness"
nerēγal
- "do"
nēγal
- "An imitative sound"
nōγal
- "do"
ṭanγal
- "The sound of a bell or gong"
ṭapakkeγal
- "The sharp sound as in sudden dropping"
ṭapāregal
- "The cracking sound"
ṭapireγal
- "Sound produced in firing a gun"
ṭaṃmareγal
- "Crashing sound as of the breaking of earthen pots"
ṭammēγal
- "do"
taiyγal
- "Determined opposition among persons"
takkeγal
- "Thumping sound"
tanγal
- "Expr. of tapping"

Single Words

tapukkeγal
- "Expr. signifying haste, rashness as falling"
tavγal
- "Expr. denoting shrinking, withering, fading"
tikkeγal
- "Expr. throbbing or beating of the heart through fear"
titukkeγal
- "do"
titireγal
- "Onom. Expression of falling etc.,"
titumeγal
- "Signifying the sound of a drum etc.,
tiṅγal
1. "Expr. of vibrating sound, of a string musical instrument."
2. "Expr. of being firm"
tuṭukkeγal
- "Expr. of fear rashness"
tuṭumeγal
- "Expr. of roaring; jumping sound as into water"
tuγal
- "Expr. of being afraid"
tuṅγal
- "Expr. of startling"
turγal
- "Expr. of suddenness"
topγal
- "Falling with a thumbing noise"
tommēγal
- "Expr. of drum beat"
narakkẹγal
- "Expr. of suddenness, abruptness"
nalẹγal
- "An expr. denoting a sound"
nikiyẹγal
- "Expression of the neighing of a horse"
neveγal
- "Expr. of suddenness"
nerukkeγal
- "Expr. signifying speed of hastiness"
nerukkẹγal
- "Expr. signifying quickness 'brisk ness' nimbleness"
novγal
- "Expr. signifying haste or quickness"
pakileγal
- "Expr. signifying the state of being greatly terrified"
pakireγal
- "do"
pakkęγal
- "Bursting as with sudden laughter; splitting, cracking being sudden"
pacakkeγal
- "Expr. signifying suddenness"
<table>
<thead>
<tr>
<th>Tamil Stem</th>
<th>English Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>pacarengal</td>
<td>'Expr. signifying greenness'</td>
</tr>
<tr>
<td>paccengal</td>
<td>'Expr. of being green'</td>
</tr>
<tr>
<td>patarengal</td>
<td>'Expr. signifying cracking or brusting noise'</td>
</tr>
<tr>
<td>patirengal</td>
<td>'Expr. signifying breaking suddenly as of cords quickness'</td>
</tr>
<tr>
<td>patukkenal</td>
<td>'Expr. signifying breaking suddenly as of cords quickness'</td>
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<tr>
<td>paticcengal</td>
<td>'Expr. signifying flashing'</td>
</tr>
<tr>
<td>parirengal</td>
<td>'Expr. of burring sout'</td>
</tr>
<tr>
<td>pararengal</td>
<td>'Expr. signifying stickiness or viscosity'</td>
</tr>
<tr>
<td>picukkenal</td>
<td>'Expr. signifying buzzing sound'</td>
</tr>
<tr>
<td>purnegenal</td>
<td>'Expr. of sourness of taste'</td>
</tr>
<tr>
<td>pettengal</td>
<td>'Expr. signifying quickness'</td>
</tr>
<tr>
<td>pokkenal</td>
<td>'Expr. signifying suddenness abruptness'</td>
</tr>
<tr>
<td>pocukkenal</td>
<td>'Expr. signifying breaking suddenly as of cords; quickness, suddenness'</td>
</tr>
<tr>
<td>pottegnal</td>
<td>'Expr. signifying the falling with a thud as of heavy fruits'</td>
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<tr>
<td>pommegenal</td>
<td>'Expr. signifying tinkling sound being thick or crowded; being sudden or rapid'</td>
</tr>
<tr>
<td>poreregnal</td>
<td>'Expr. signifying suddenness'</td>
</tr>
<tr>
<td>porukkenal</td>
<td>'Expr. signifying quickness'</td>
</tr>
<tr>
<td>polleenal</td>
<td>'Expr. signifying suddenness'</td>
</tr>
<tr>
<td>pokkenal</td>
<td>'Expr. of suddenness'</td>
</tr>
<tr>
<td>matakkenal</td>
<td>'Expr. of signifying gurgling water in drinking'</td>
</tr>
<tr>
<td>matarengal</td>
<td>'Expr. signifying cracking noise'</td>
</tr>
<tr>
<td>majarengal</td>
<td>'Expr. signifying cracking; cracking'</td>
</tr>
<tr>
<td>majartiyengal</td>
<td>'Expr. signifying cracking'</td>
</tr>
<tr>
<td>maluskenal</td>
<td>'Expr. of signifying being smooth or soft'</td>
</tr>
<tr>
<td>mellegenal</td>
<td>'Expr. signifying being smooth or soft'</td>
</tr>
<tr>
<td>moyyegenal</td>
<td>'Expr. signifying slowness (cutâmani; soarness (Coloq.)'</td>
</tr>
<tr>
<td>moukkenal</td>
<td>'Expr. of breaking suddenly as a dry branch being greasy'</td>
</tr>
<tr>
<td>lapakkenal</td>
<td>'Expr. signifying; suddenness; gulping'</td>
</tr>
<tr>
<td>lavakkenal</td>
<td>'Expr. of dog's bark'</td>
</tr>
<tr>
<td>lojlegenal</td>
<td>'Under boiled or under fried as greens'</td>
</tr>
<tr>
<td>vatakkenal</td>
<td>'Expr. signifying hardness or severity'</td>
</tr>
<tr>
<td>valleengal</td>
<td>'Expr. signifying clearness'</td>
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<tr>
<td>valikkenal</td>
<td>'Expr. of smoothness'</td>
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<tr>
<td>vaumenganal</td>
<td>'Expr. of barking sound'</td>
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<tr>
<td>vallenganal</td>
<td>'Expr. signifying becoming harder'</td>
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<tr>
<td>vikavegala</td>
<td>'Expr. of swift movement'</td>
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<tr>
<td>viccegala</td>
<td>'Expr. indicating aversion'</td>
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<tr>
<td>vicukkenal</td>
<td>'Expr. denoting silence'</td>
</tr>
<tr>
<td>vitslegenal</td>
<td>'Expr. of quick movement'</td>
</tr>
<tr>
<td>viinengal</td>
<td>'An imitative sound'</td>
</tr>
<tr>
<td>vimmegenal</td>
<td>'Expr. signifying tinkling as of a bell; throbbing as the eye'</td>
</tr>
<tr>
<td>vijumenganal</td>
<td>'Expr. of becoming tight'</td>
</tr>
<tr>
<td>vittenganal</td>
<td>'Expr. signifying slipperiness'</td>
</tr>
<tr>
<td>veccengal</td>
<td>'Expr. of whirring sound as a stone whirled in the air'</td>
</tr>
<tr>
<td>vetkegenal</td>
<td>'Expr. of being hot; becoming heated'</td>
</tr>
<tr>
<td>vetpenal</td>
<td>'Expr. of shallowness, superficiality'</td>
</tr>
<tr>
<td>maluskenal</td>
<td>'Expr. of harshness; violence'</td>
</tr>
</tbody>
</table>
Onomatopoeia in Tamil

vetukkegal  'Expr. of noise of breaking; quickness'
veytenal  'Expr. signifying being hot; being haste, being cruel'
velumenal  'Expr. of being smooth to touch'
vellenal  'Expr. of becoming white, becoming clear drawing of day'
velarenal  'Expr. of being empty'
verrenal  'Expr. of being vacant or empty as a place devoid of inhabitants'
vericcenal  'Expr. being fine, being comfortable'
jammegal  'Expr. of being tumultuous'
javenal

ii. With other auxiliary verbs

(a) itu
The auxiliary verb itu means 'to put, place'.

This is added with 9 words. Though this is comparatively a smaller group, it comes next to the an-group. By lengthening the short vowel of this auxiliary verb, the verb is made into a noun.

e.g. titukkitu, titukkitu
kirciçu  'Expr. signifying creaking sound'
Kirctciçu  'To creak as new shoes a wheel, an oil mill'
ciltititu  'Being chill of getting the goose skin'
cilittu  'Being chill of getting the goose skin'
titukkititu  'to be startled'
parssititu  'to make a burring sound'
varkititu  'Expr. signifying becoming hardening'
vrititu  'To cry out suddenly; to scream'

(b) uru
The other auxiliary verb is uru, that means 'to experience'. It is added to only one word viz. tuñuk-uru 'to be startled'

(c) Other verbs.

Other verbs like kattu 'to show', viçu 'to leave' are added to a particular word cu which is an animal command to set on dogs for attack. When the verb koçu is added it is the expression of assent. It shows that by adding different verbs to an onomatopoeic word different meanings are got.
cakattatal  'To set dogs on; to drive away with the sound 'cu', as dogs'
cakkottatal  'To express assent with the sound 'cu'
cuvijutal  'To set on as dogs to attack'

iii (a) with nominal suffix.

A very few of the single words are made into nouns by adding nominal suffixes. While many of the reduplicated words take the nominal suffixes. It is comparatively rare with reference to the single words.
ciippu  'Chilliness'
jiippu  'do-

(b) With other suffixes.

Two words have come with other suffixes.
cummai  'Sound noise, musical note'
kirciçan  'Whatch man's rattle; child's rattle'

iv. As attributes.

A few single words come as attributes of nouns.
cilloli  'Shrill; sipulak'
mojukkatu  'Stout person'