### **ORTHOPTERA 2017**

### Phil Rudkin

Our Orthoptera 'season' started during the Society's 30 April field meeting at Burley Woods when Anthony Biddle's sharp eye caught a movement in the dry, muddy ruts of the lower ride. A Slender Groundhopper was promptly 'potted' by Martin Grimes.

The May/June period was unusual only nymphs of grasshoppers and crickets were recorded, all seen by Tim Caldicott, I wonder if the poor weather in May was responsible for suppressing both the development to adults and the number of observers?

Orthopterans thrived in July/August period really took off with reports from 7 contributors.

2016 saw 23 new Tetrad plots. 2017 was more modest but the highspot was the discovery of five species at a new site alongside the Hereward Way (on the outskirts of Empingham) in conservation margins, and old mixed hedgerows. Other finds were Leighfield Meadow (one species), and Crown Well Bridge at Wing evidence for two more.

Egleton Reserve, RW was surveyed 23 July. Jane and Duncan Ball organised a wildlife survey at Cottesmore Churchyard, 31 August.

During the Lyndon Reserve Bat Meeting (6 September) members heard four Roesel's Bush Crickets quietly stridulating in East Meadow at 8.30 pm, and later, at 11.00 pm, Speckled Bush Crickets in trees near the Centre.

Egleton Reserve, RW was surveyed 16 September.

Two new sites were identified late in the year. In Braunston Churchyard during the Society's field meeting (14 October), and at Home Farm, Barn Hill just outside of Ketton Quarries Reserve, 25 October.

Last stridulating: 29 October. Long-winged Conehead, and Speckled Bush Cricket, both heard in the afternoon, at Lyndon Reserve RW next to the Visitor Centre.

### Note: new site(s)

#### **Bush Crickets** 2 Oak Bush Cricket 3 Dark Bush Cricket 4 Roesel's Bush Cricket 5 Long-winged Conehead • 6 Short-winged Conehead 7 Speckled Bush Cricket • House Cricket Common Groundhopper Groundhoppers 9 10 Slender Groundhopper • Grasshoppers 11 Common Green Grasshopper •

12

13

14

Field Grasshopper

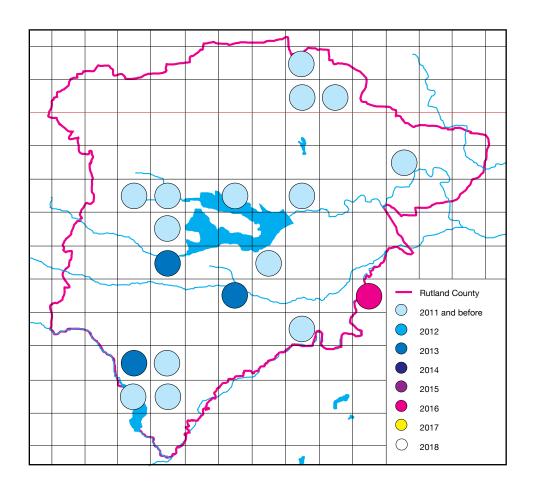
Meadow Grasshopper •

Lesser Marsh Grasshopper •

# **Bush Crickets**

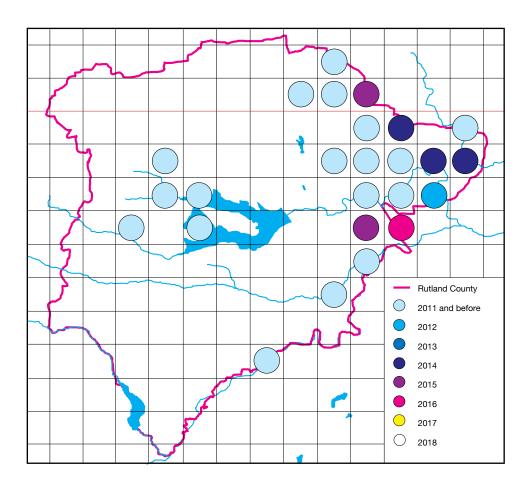
Oak Bush Cricket, Meconema thalassinum

### Under-recorded, no new sites



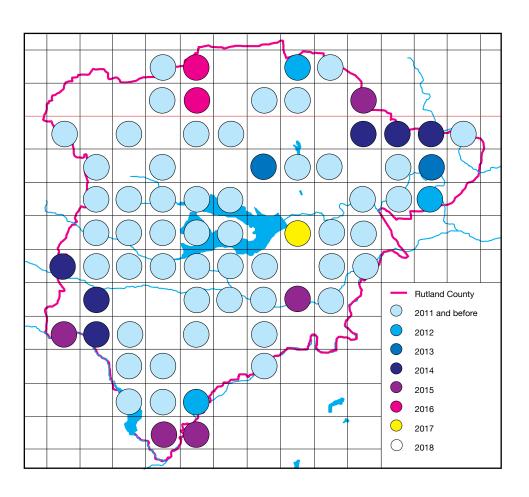
## Dark Bush Cricket, Pholidoptera griseoaptera

## Widespread and locally common, no new sites



Widespread and locally extremely common, two new sites, one new tetrad

Date first detected in Rutland

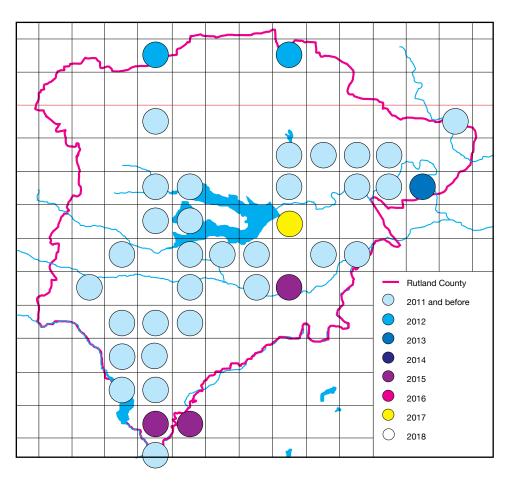


One female, in porch at The Stone House, Reeves Lane, Wing, 26 July, SK 889 032 Masses of stridulating males, in conservation margins along the Hereward Way, just outside Empingham village, off the A606. 1 August, SK 958 078

## Long-winged Conehead, Conocephalus discolor

### Widespread and common, one new tetrad

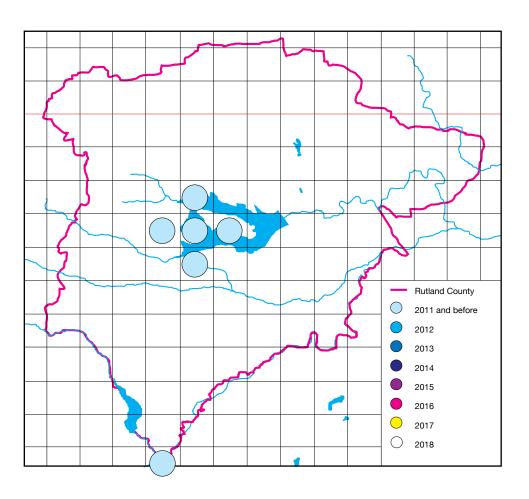
Date first detected in Rutland



Fifteen stridulating males, in rough grasses at the edge of large wheat field adjacent the Hereward Way. 1 August, SK 958 078

## Short-winged Conehead, Conocephalus dorsalis

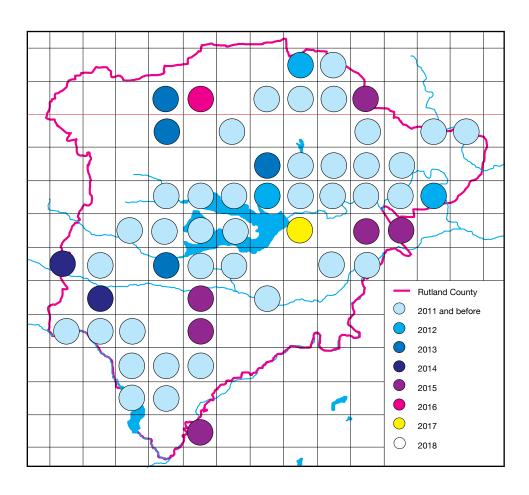
### Well established around Rutland Water, no new sites



### Speckled Bush Cricket, Leptophyes punctatissima

Widespread and common, three new sites, one new tetrad

Date first detected in Rutland



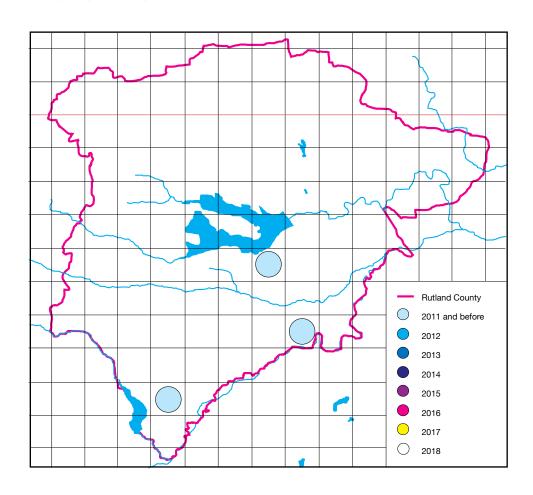
Large colony detected (35 kHz), in old, mixed Hedgerows adjacent the Hereward Way. 1 August, SK 958 078

One male found in field, near Tolethorpe Hall, Little Casterton. 10 August, TF 020 102

Six stridulating males, high in Ash tree, Cottesmore Churchyard. 31 August, SK 902 136

## House Cricket, Acheta domesticus

### No sightings, no longer considered wild

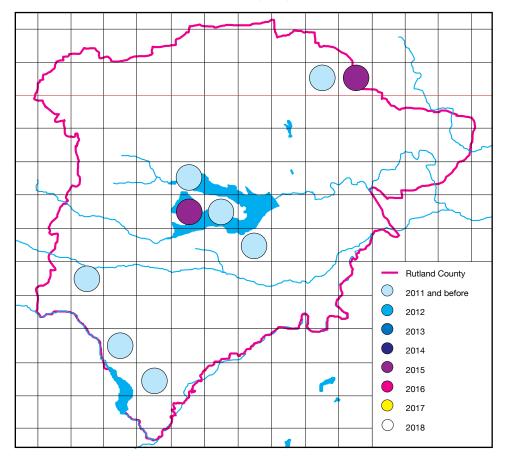


# Groundhoppers

# Common Groundhopper, Tetrix undulata

Date first detected in Rutland

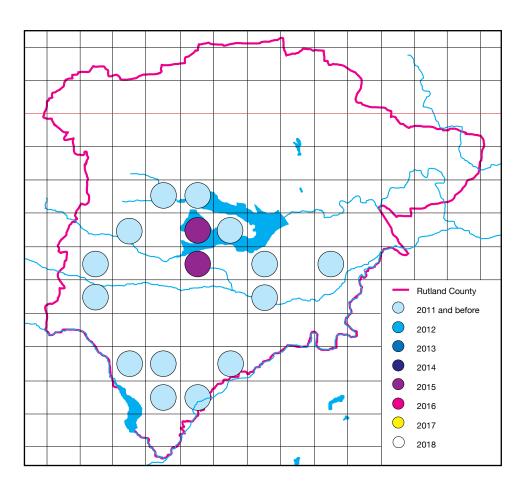
### Under recorded and overlooked, no new sightings



## Slender Groundhopper, Tetrix subulata

Under-recorded due to tiny size, and no stridulating mechanism, one new site

Date first detected in Rutland



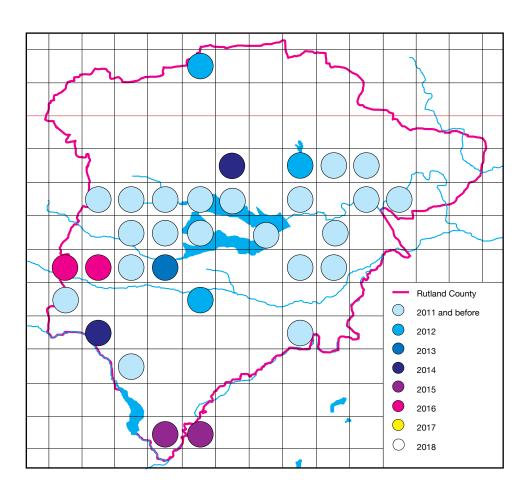
One, found at Crown Well Bridge, Wing. 23 August, SK 884 037

# Grasshoppers

## Common Green Grasshopper, Omocestus viridulus

Widespread but uncommon, two new sites

Date first detected in Rutland



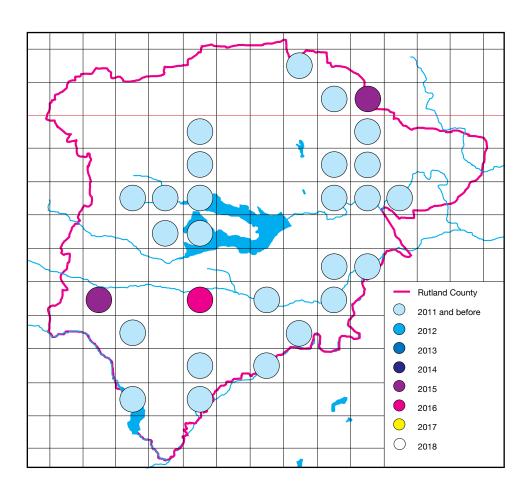
Four stridulating males, 8 July, and 12 on 12 July, all at Leighfield meadow, SK 826 050.

One stridulating male, in Leighfield meadow. 25 August, SK 826 050

## Field Grasshopper, Chorthippus brunneus

Widespread, locally common, one new site reported

Date first detected in Rutland

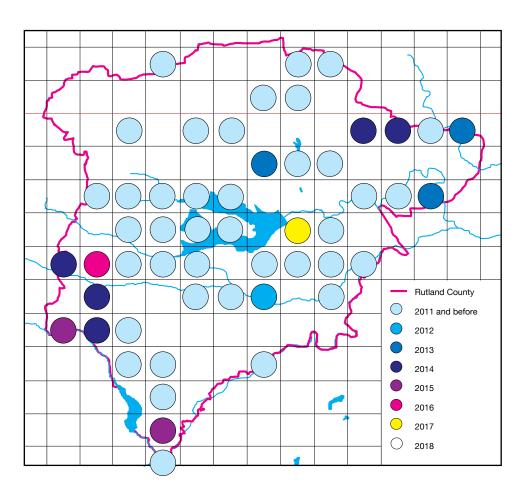


Seven, observed in rough ground, Crown Well Bridge, Wing. 5 August, SK 884 037

# Meadow Grasshopper, Chorthippus parallelus

### Widespread and common, one new tetrad

Date first detected in Rutland

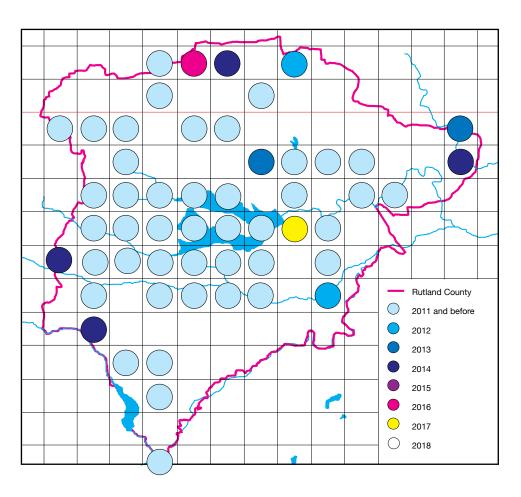


Ten, stridulating males, in conservation margins along the Hereward Way, just outside Empingham village, off the A606. 1 August, SK 958 078

### Lesser Marsh Grasshopper, Chorthippus albomarginatus

### Widespread and common, one new tetrad

### Date first detected in Rutland



Five stridulating males, in rough grasses, next to field gate, Hereward Way, just outside Empingham village, off the A606. 1 August, SK 958 078

### Contributors

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