

PROVISIONAL DISTRIBUTION MAPS  
FOR THE ORTHOPTERA OF CEREDIGION

A P FOWLES  
1992

Countryside Council for Wales  
Plas Penrhos  
Ffordd Penrhos  
BANGOR  
Gwynedd  
LL57 2LQ

23 October 1992

NOTES:

All records received up to the end of 1991 are included on the following maps. These records are mainly derived (with the notable exception of *Acheta domestica*) from observations in the period 1983-1991. There is little historical information available in the literature, details are provided in the Bibliography. Dots included on the maps are not, therefore, divided into date-classes, although the vast majority refer to the modern period of recording and the current known status of each species effectively corresponds to that depicted. The exception to this is the house cricket *A. domestica*, which has not been recorded in Ceredigion since 1966.

The number of tetrads recorded for each species is as follows:

Chorthippus brunneus	-	84
Chorthippus parallelus	-	157
Myrmeleotettix maculatus	-	31
Omocestus viridulus	-	189
Tetrix undulata	-	57
Conocephalus dorsalis	-	9
Leptophyes punctatissima	-	19
Meconema thalassinum	-	25
Metrioptera brachyptera	-	7
Metrioptera roeseli	-	5
Pholidoptera griseoptera	-	8
Acheta domestica	-	10

In addition, there have been two reports of common cockroach *Blatta orientalis* (both in 1960) and two records of Australian cockroach *Periplaneta australasiae* (both in 1986).

BIBLIOGRAPHY:

ANON (1974) - Biological Recording Working Group for Wales: interim report of field weekend 5-8/10/73, based in Cardigan. National Museum of Wales, Cardiff.

COLLINS, GB (1943) - *Chorthippus parallelus* f. *macroptera*. Entomologist 76: 86-87.

COLLINS, GB (1945) - Some observations on macropterism in *Chorthippus parallelus*. Ent. mon. Mag. 81: 179-182.

FOWLES, AP (1984) - Grasshoppers and bush-cricket at Ynyshir. Ynyshir Report, 1984. RSPB.

FOWLES, AP (1985) - Orthoptera in Ceredigion. Llanelli Naturalists' Newsletter (March 1985). p 19.

FOWLES, AP (1986) - Crickets and grasshoppers in Dyfed. Dyfed Invertebrate Group Newsletter 1: 7-12.

FOWLES, AP (1986) - Crickets and grasshoppers in Ceredigion in 1986. DIG 4: 2.

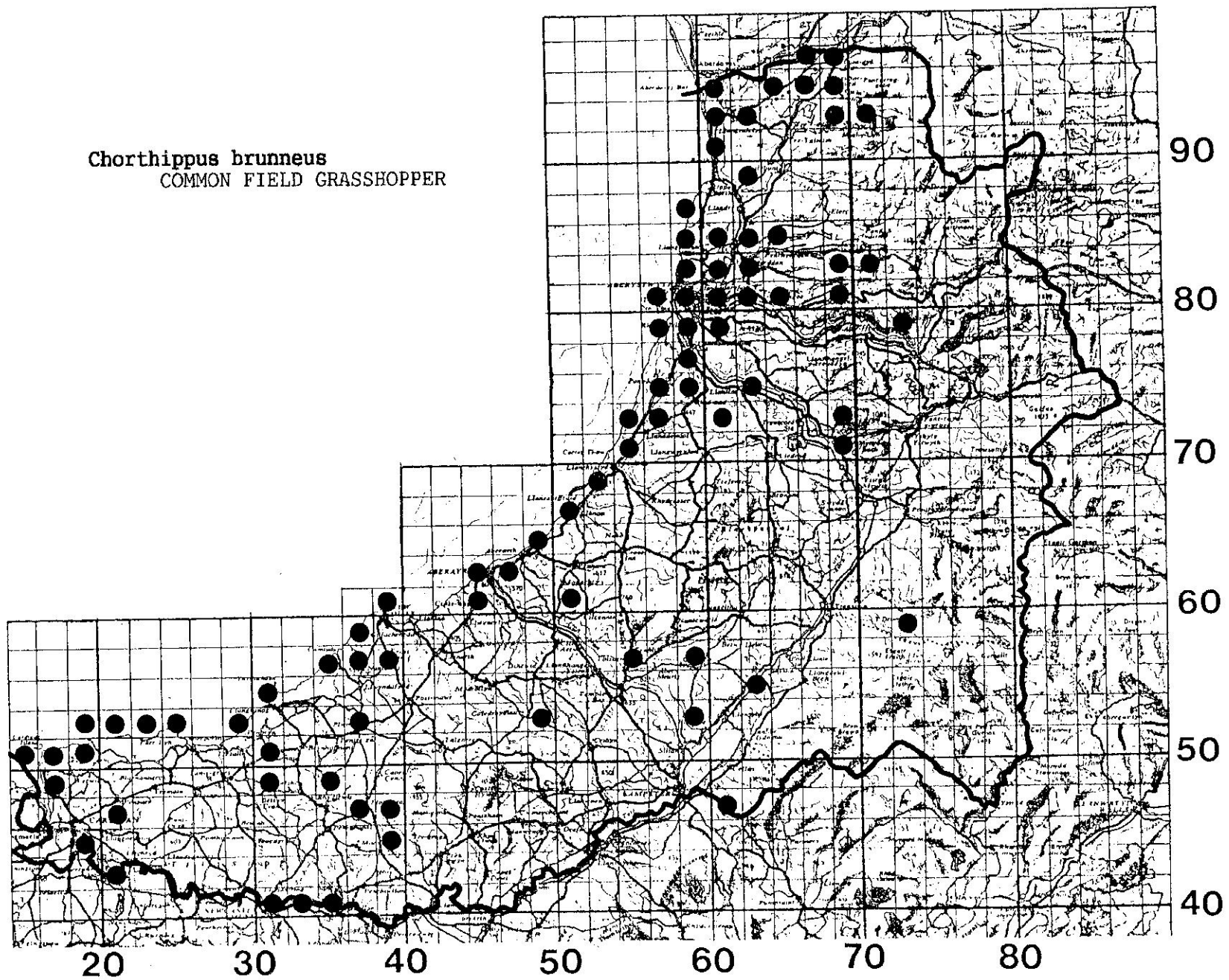
FOWLES, AP (1987) - A new record of the bog bush-cricket *Metrioptera brachyptera* in Dyfed. DIG 7: 7.

- FOWLES, AP (1988) - Crickets and grasshoppers in Ceredigion in 1987. DIG 9: 2-3.
- FOWLES, AP (1989) - Crickets and grasshoppers in Ceredigion in 1988. DIG 12: 2-3.
- FOWLES, AP (1989) - Field meeting: RAE Aberporth (22/244526) VC46, 15 July 1989. DIG 14: 19-20.
- FOWLES, AP (1990) - Crickets and grasshoppers in Ceredigion in 1989. DIG 16: 2-3.
- FOWLES, AP (1991) - Crickets and grasshoppers in Ceredigion in 1990. DIG 20: 4.
- FOWLES, AP (1991) - Field meeting: Coedmore NNR (22/1943 & 22/2043) VC46, 9 June 1991. DIG 23: 17-18.
- FOWLES, AP (1992) - Grasshoppers and bush-crickets in Ceredigion, 1991. DIG 24: 4-5.
- FOWLES, AP & CHATER, AO (1990) - Dyfed Site Report (8): Gro Tynbedw, Ceredigion (22/693715 - 22/715720). DIG 19: 9-13.
- HEWITT, GM & JOHN, B (1970) - The B-chromosome system of *Myrmeleotettix maculatus*. IV. The dynamics. *Evolution* 24: 169-180.
- HOLMES, PR, BOYCE, DC & REED, DK (1991) - The Welsh Peatland Invertebrate Survey: Ceredigion. Countryside Council for Wales, Bangor.
- MILES, PM (1960) - Field Notes. *Insects. Nature in Wales* 6: 95.
- MILES, PM (1965) - Field Notes. *Nature in Wales* 9: 82.
- MORGAN, MJ (1978) - Field Notes. *Nature in Wales* 16: 70.
- RAGGE, DR (1973) - The British Orthoptera: a supplement. *Ent. Gaz.* 24: 227-245.
- RYLE, GB (1959) - Orthoptera (Saltatoria) in Wales and Monmouthshire. *Ent. mon. Mag.* 95: 72.
- VAUGHAN, HM (1926) - The South Wales Squire. Methuen & Co. [Reprinted 1988: Golden Grove Book Co., Carmarthen. See page 17].

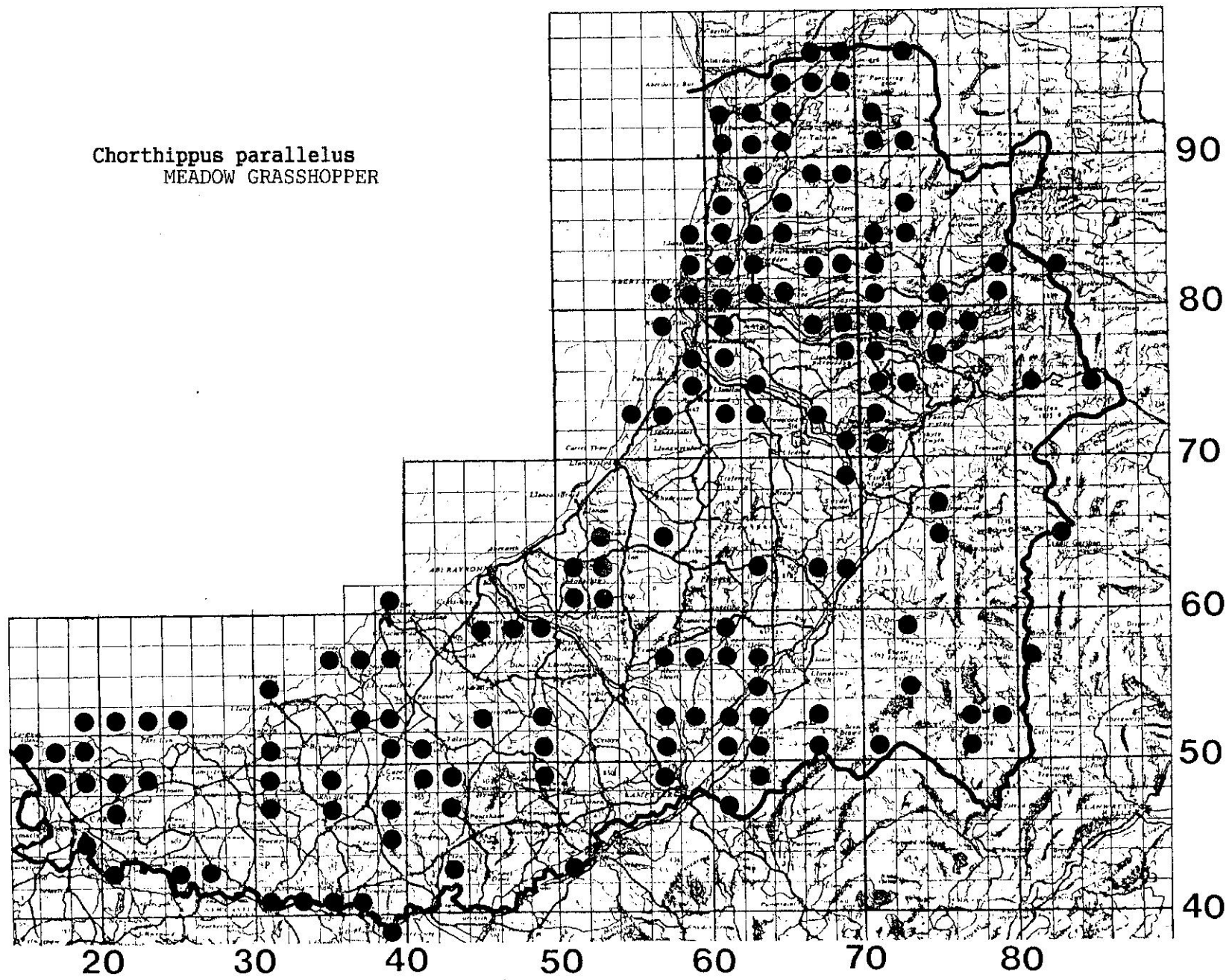
#### ACKNOWLEDGEMENTS:

I am grateful to the following for providing records of Orthoptera in Ceredigion: DC Boyce, RP Bray, ID Bullock, AO Chater, D Elliot, F Evans, IS Francis, L Gander, ECM Haes, P Kirby, SJJ Lambert, R Liford, J Moore, IK Morgan, S Pester, S Rook, R Squires, JB Steer, IJL Tillotson, I Williams, D Winsland.

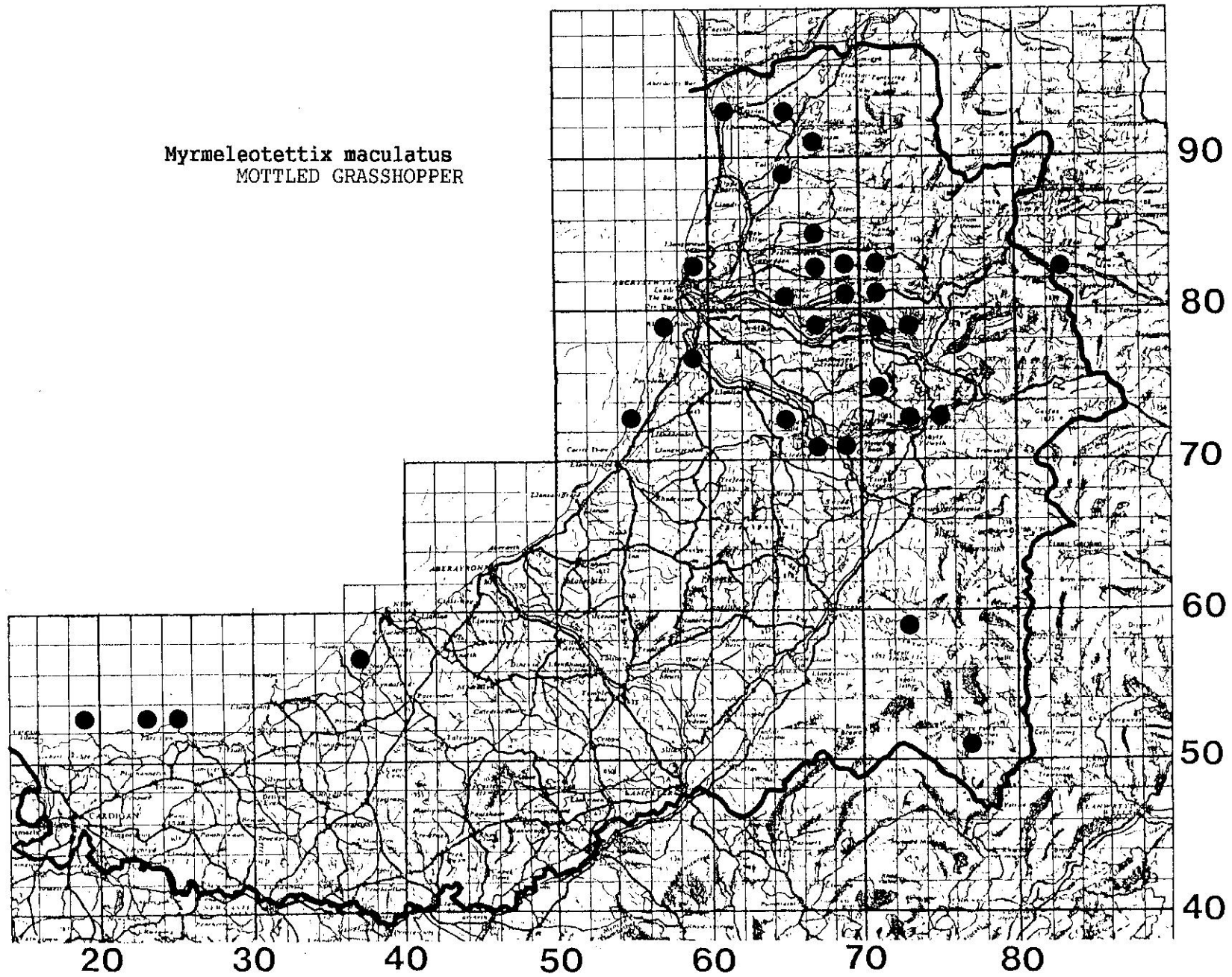
*Chorthippus brunneus*  
COMMON FIELD GRASSHOPPER



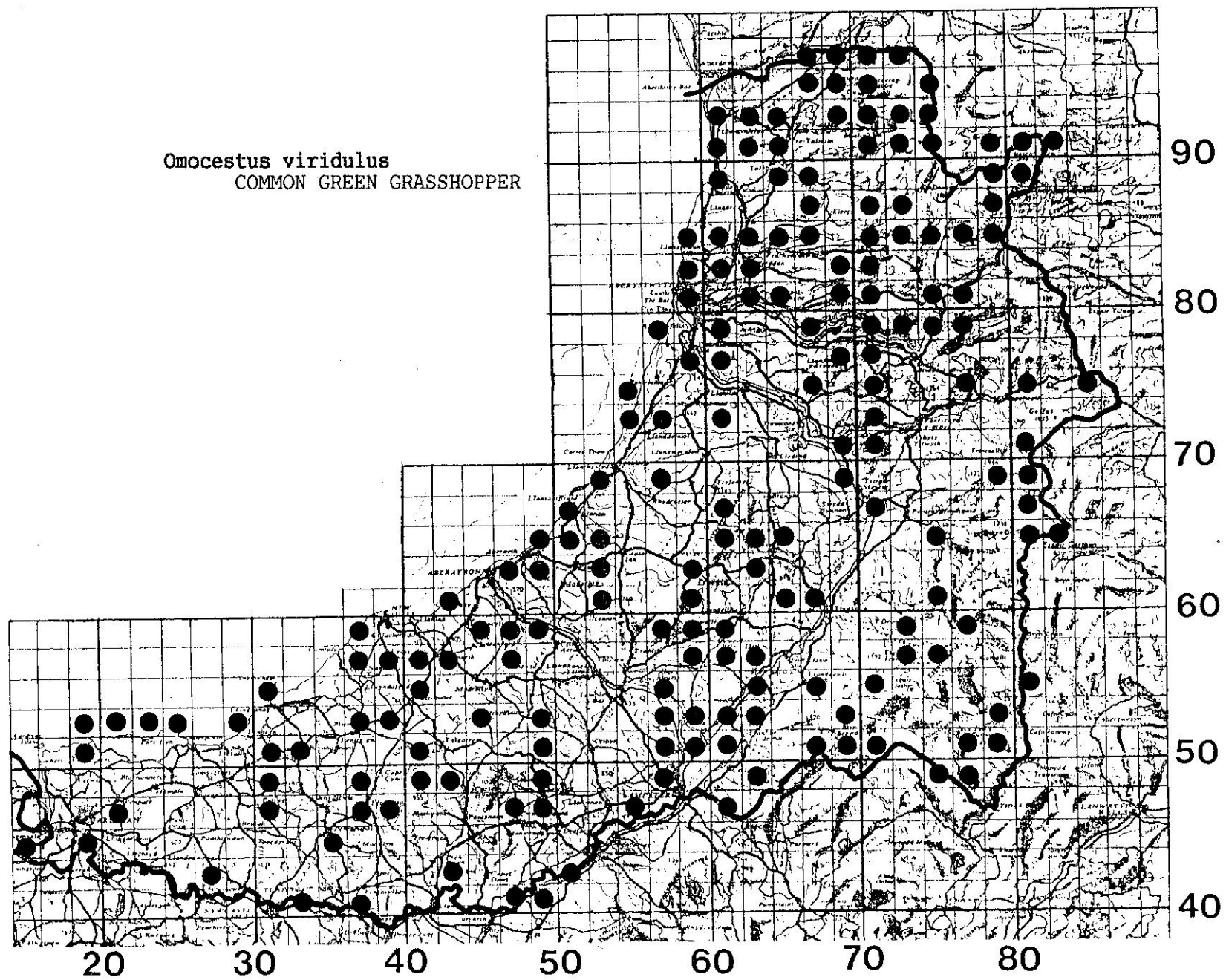
*Chorthippus parallelus*  
MEADOW GRASSHOPPER



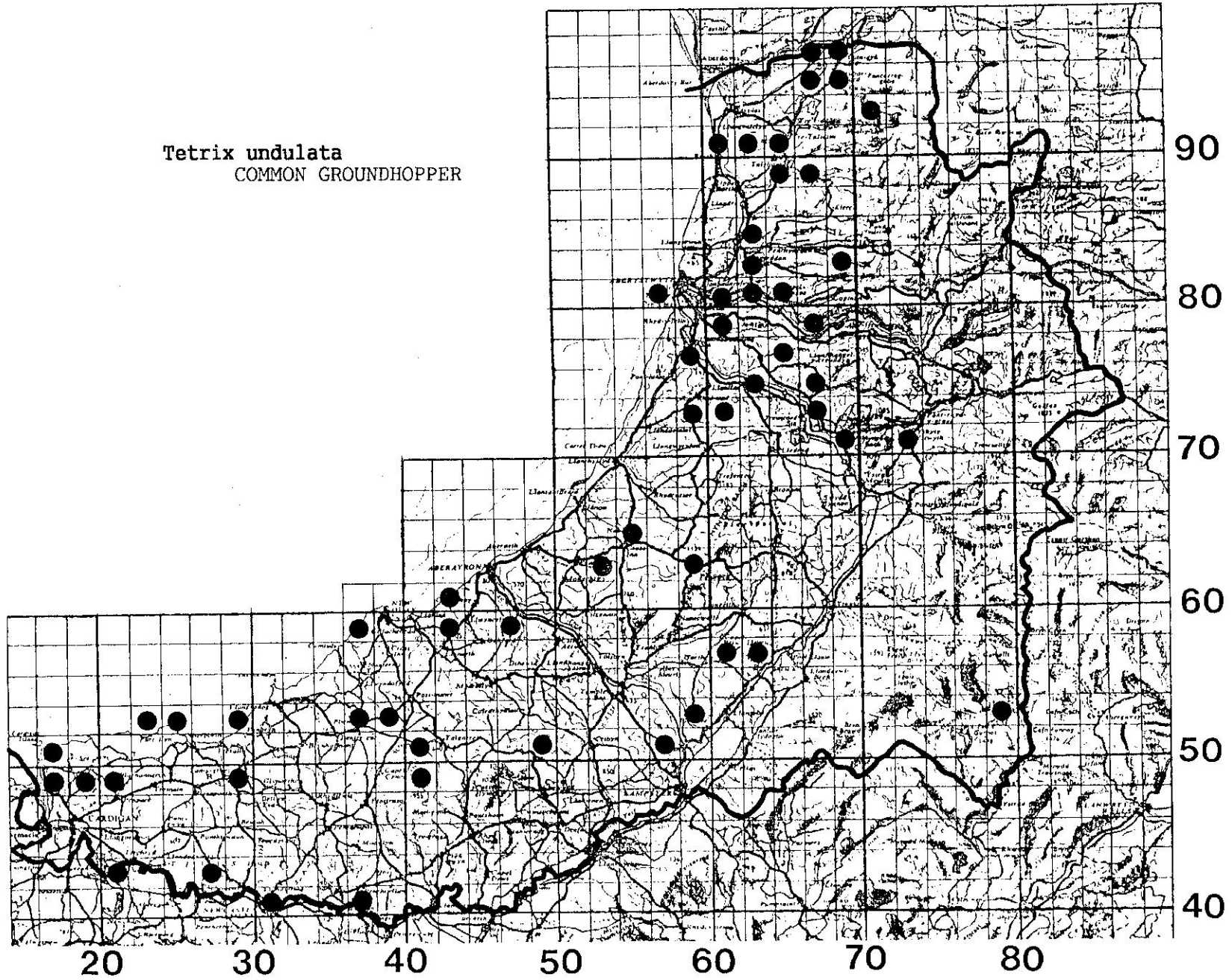
*Myrmeleotettix maculatus*  
MOTTLED GRASSHOPPER



*Omocestus viridulus*  
COMMON GREEN GRASSHOPPER

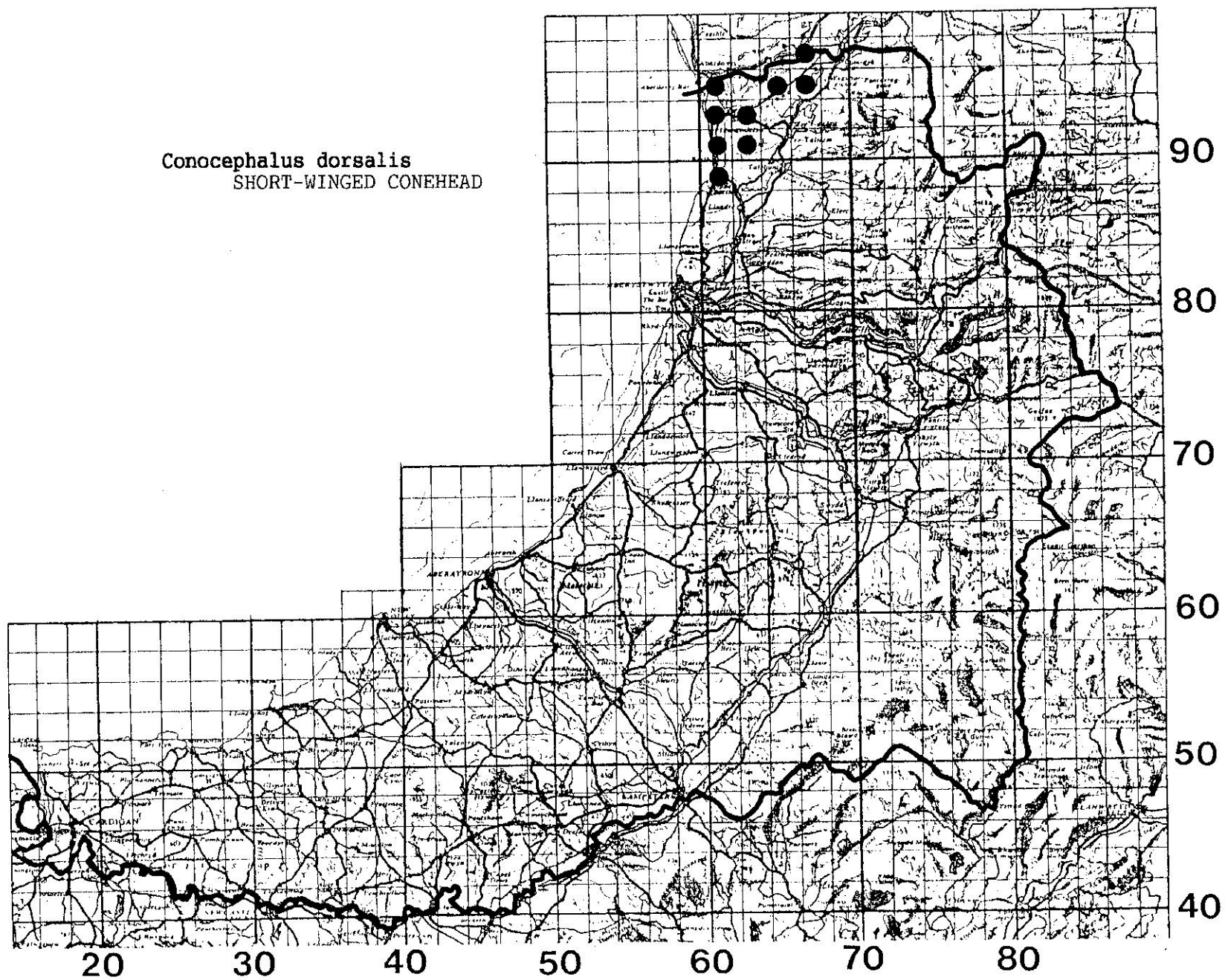


*Tetrix undulata*  
COMMON GROUNDHOPPER

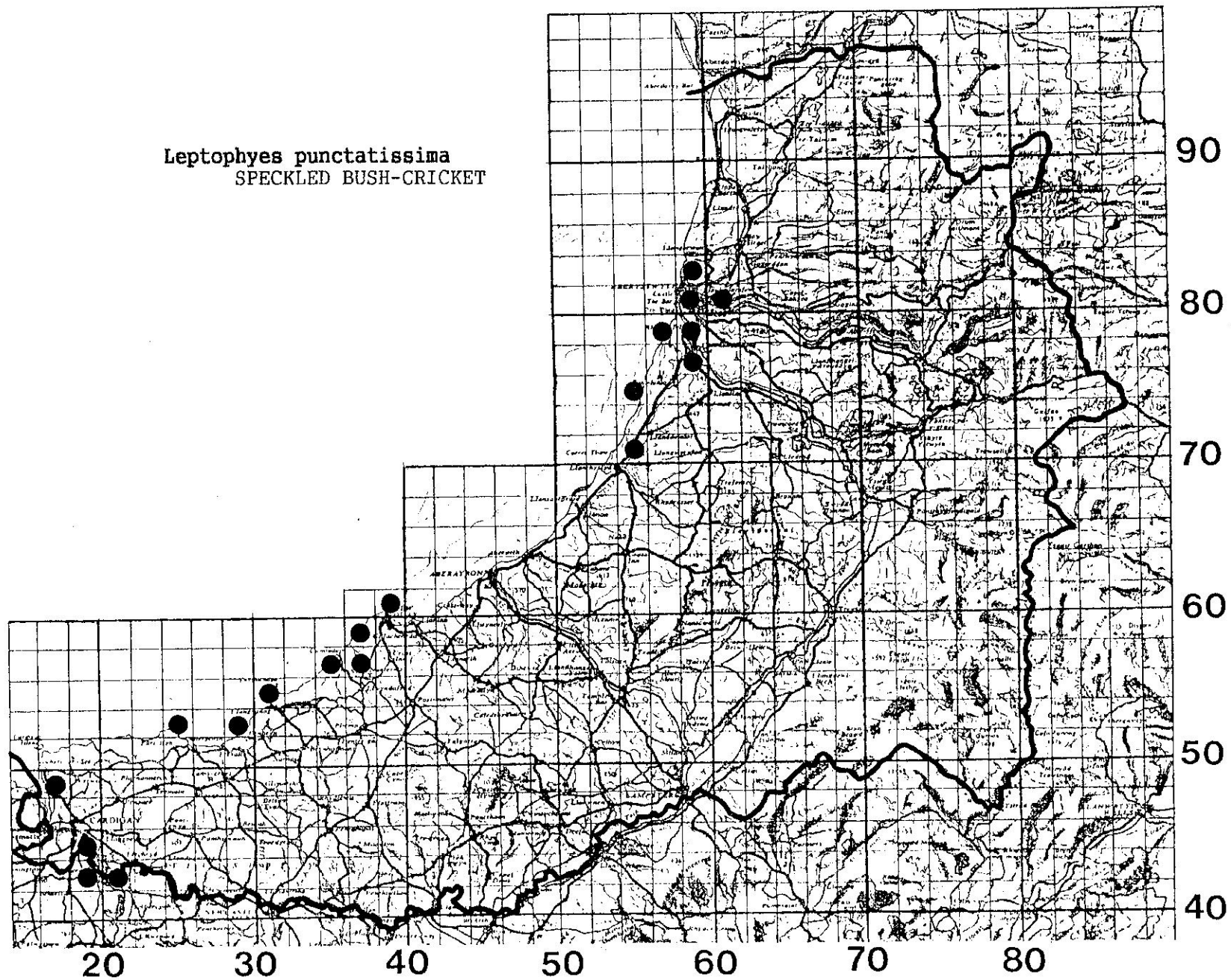




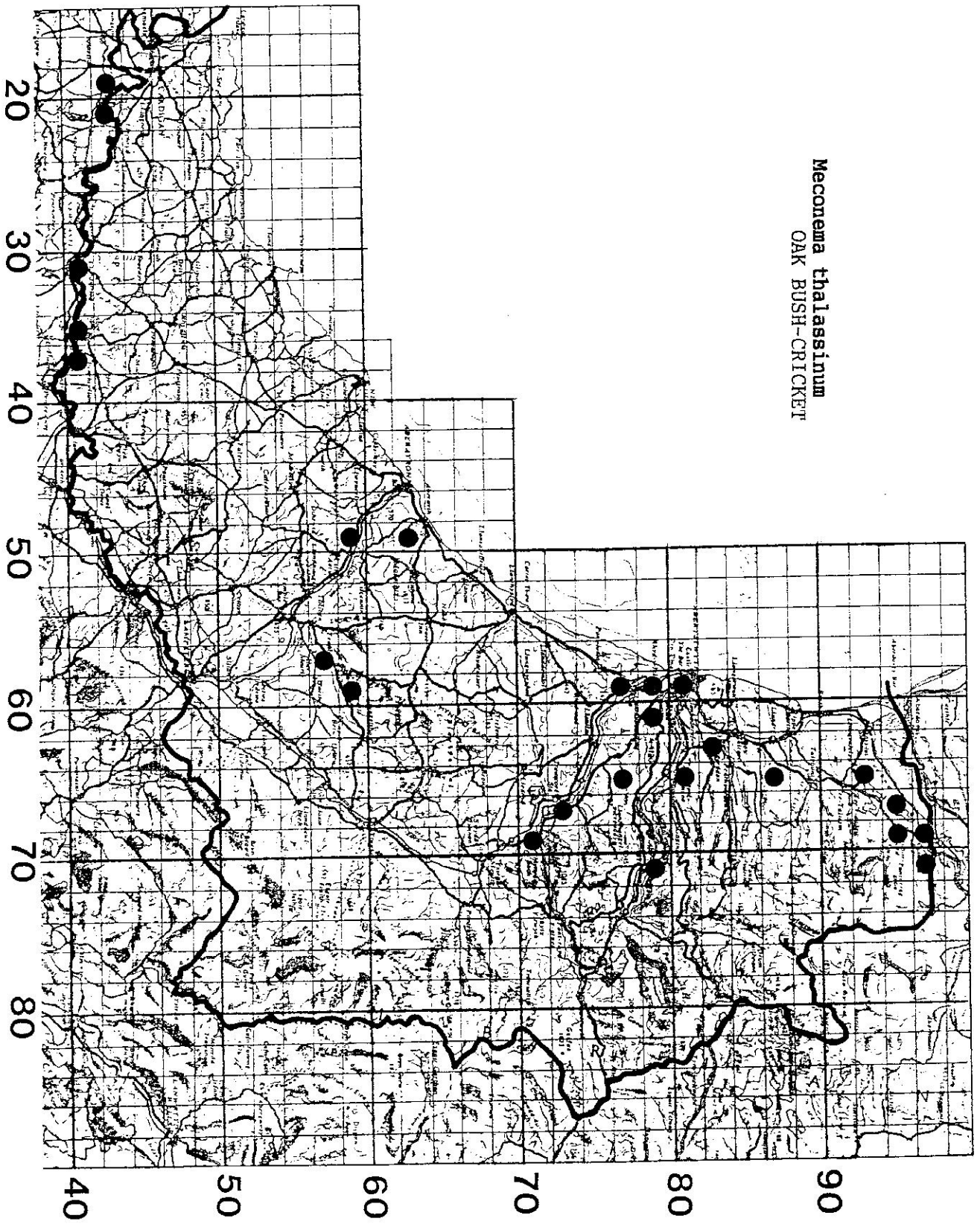
*Conocephalus dorsalis*  
SHORT-WINGED CONEHEAD



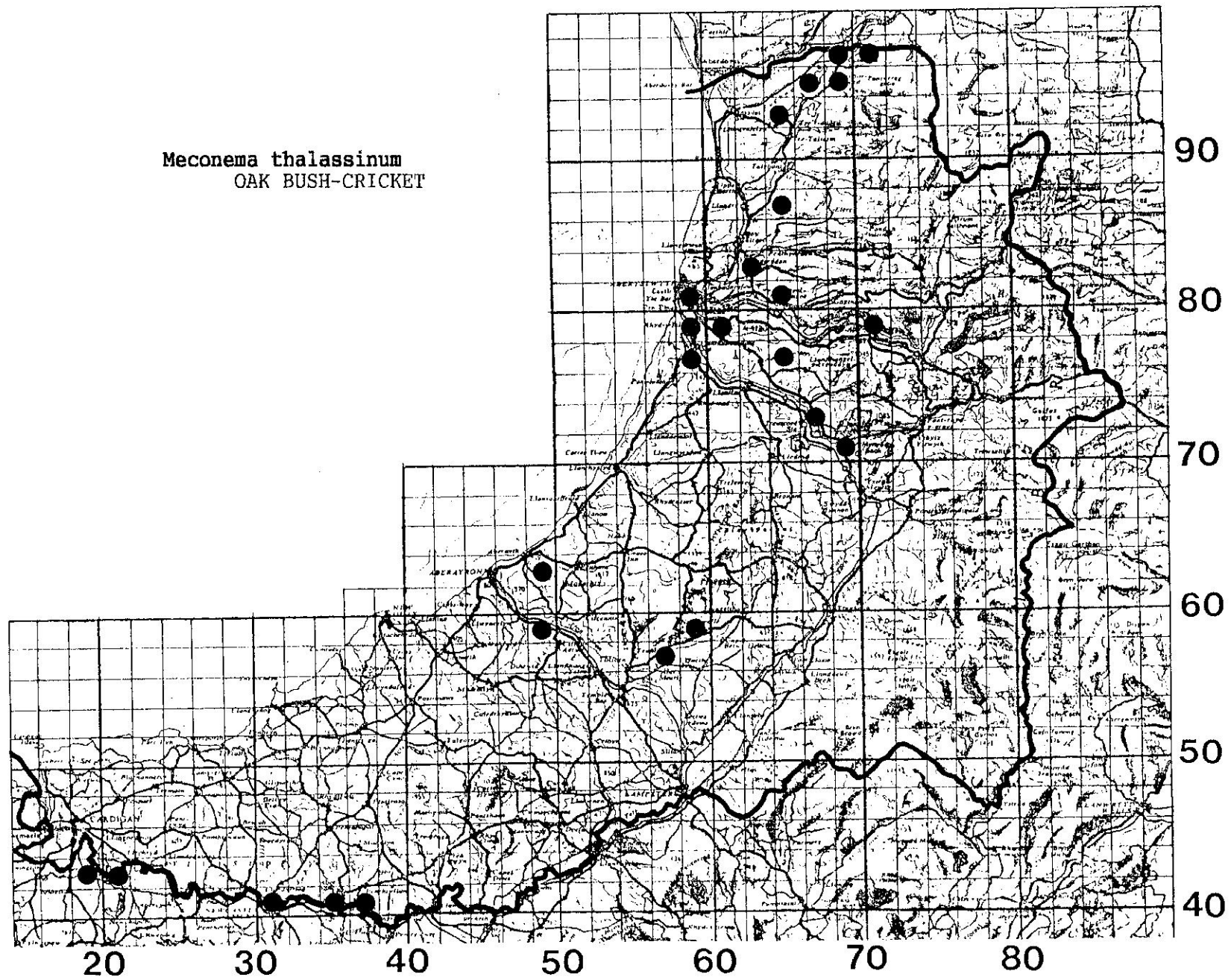
*Leptophyes punctatissima*  
SPECKLED BUSH-CRICKET



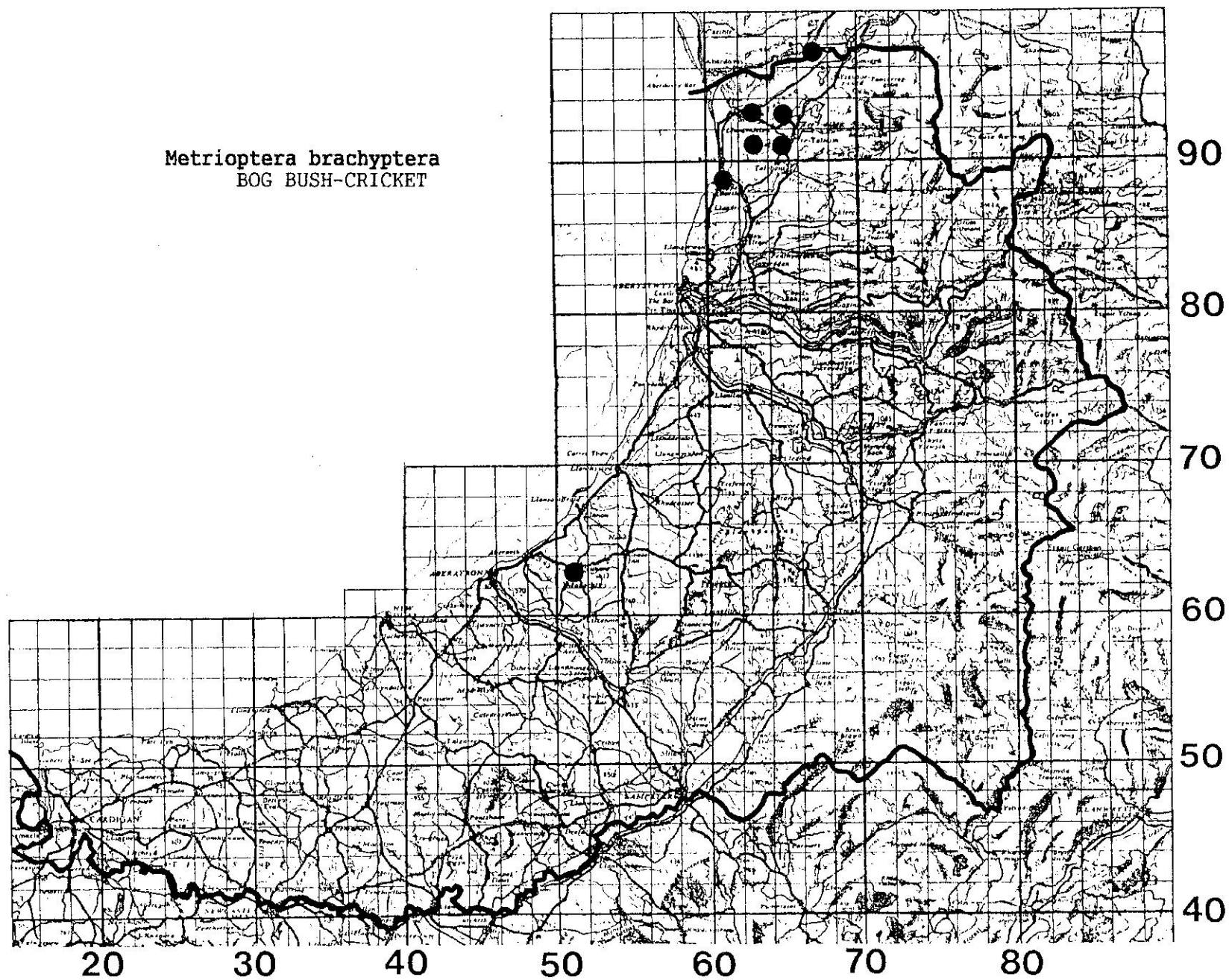
*Meconema thalassinum*  
OAK BUSH-CRICKET



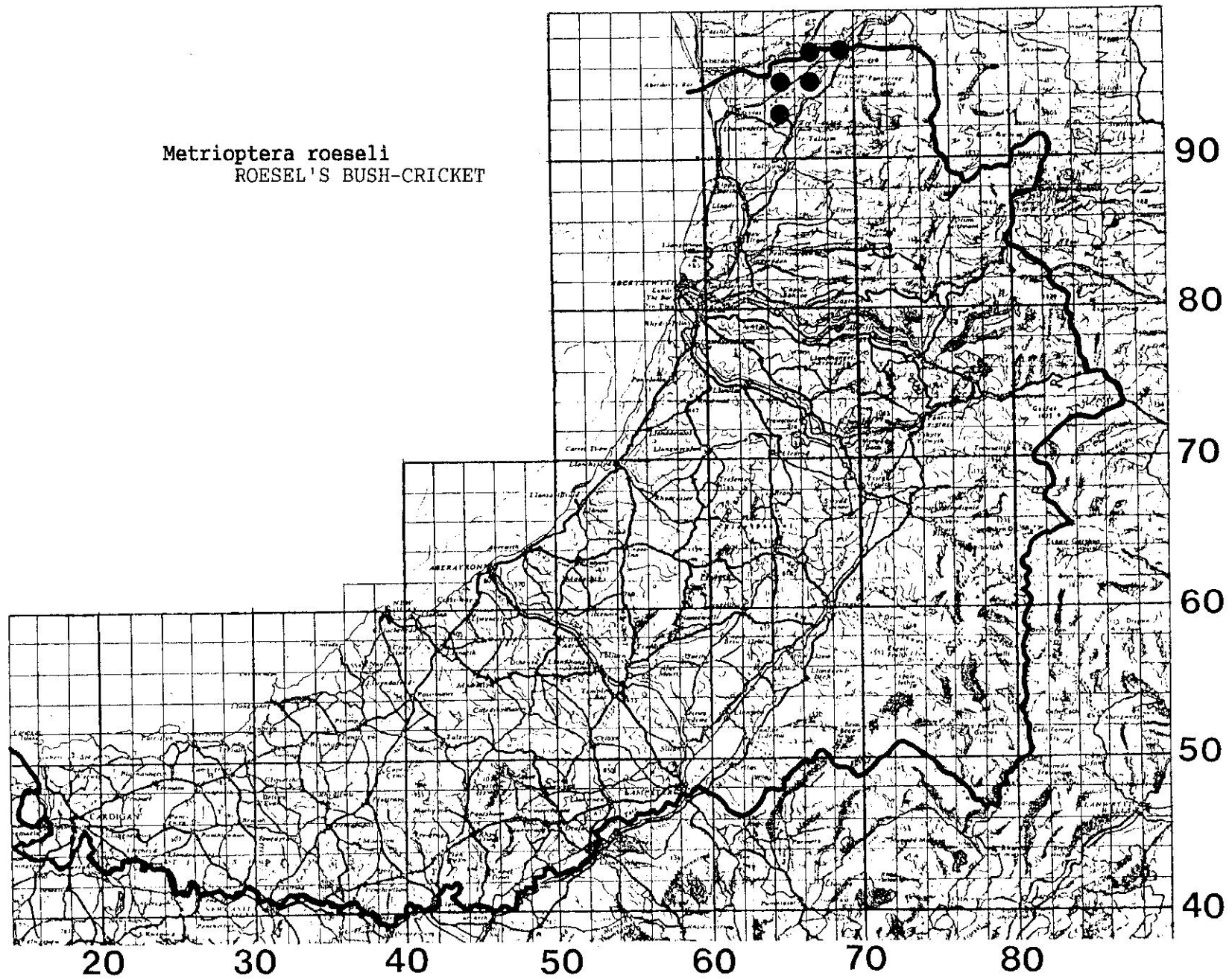
*Meconema thalassinum*  
OAK BUSH-CRICKET



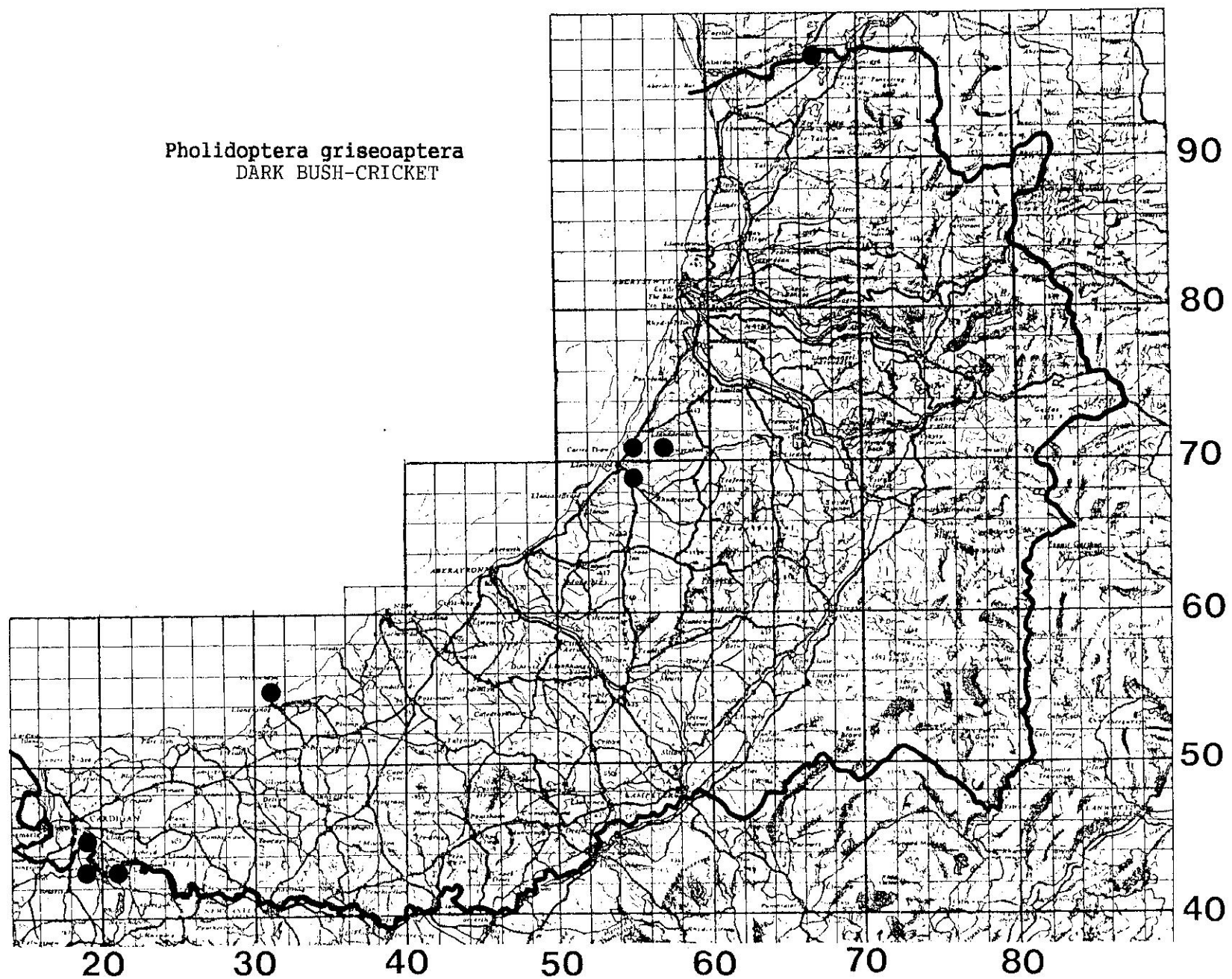
*Metrioptera brachyptera*  
BOG BUSH-CRICKET



*Metrioptera roeseli*  
ROESEL'S BUSH-CRICKET



*Pholidoptera griseoptera*  
DARK BUSH-CRICKET



*Acheta domestica*  
HOUSE CRICKET

