



Fig. 16. Changes in the density of singing male Corn Buntings in each 0.5x0.5-km grid square between March 1970 and June 1994. The squares included on the map cover the area that was surveyed in both 1970 and 1994. A change from low density in 1970 (lowest two density categories in Figs 13-14) to high density in 1994 (highest two density categories in Figs 13-14) for an individual square is represented by a plus (+) sign within the square. A change from high density in 1970 to low density in 1994 within a square is represented by a minus (-) sign.

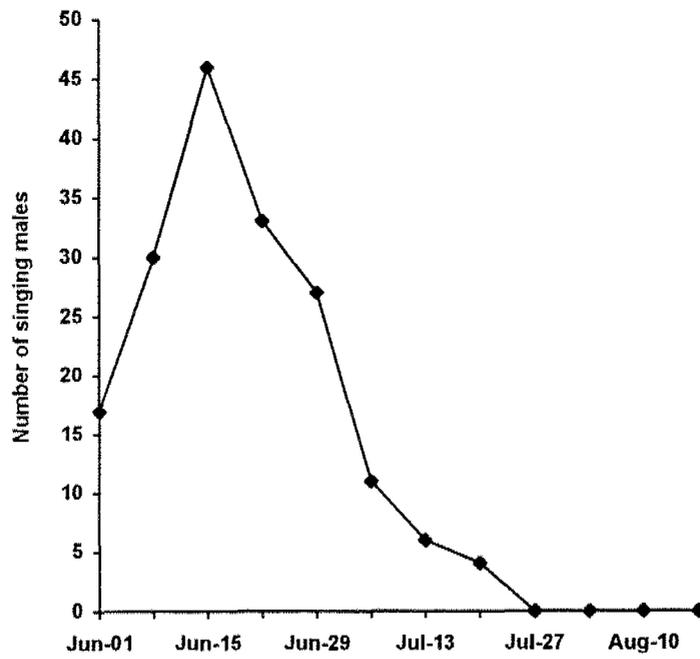


Figure 17. Number of male Corn Buntings singing each week between 31st May and 19th August 1994 on two intensively studied farms within the Sussex study area.

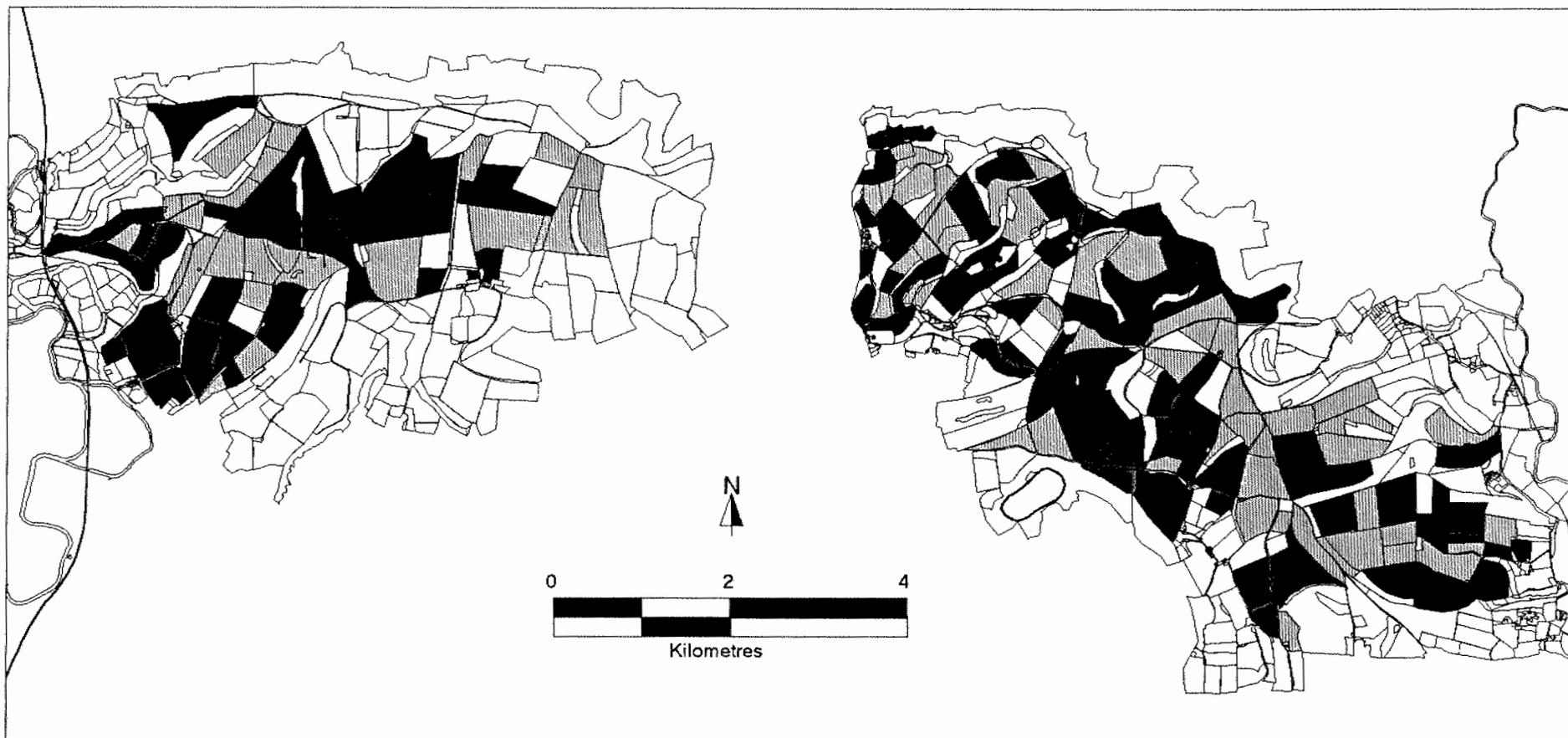


Fig. 18. Distribution of spiders and harvestmen (Araneae & Opiliones) across the Sussex study area in (a) 1970-1974 and (b) 1990-1994. For each field, the value is the mean of the samples that were collected there over the five-year period.

Fig. 18 (a). Spiders and harvestmen 1970-1974.

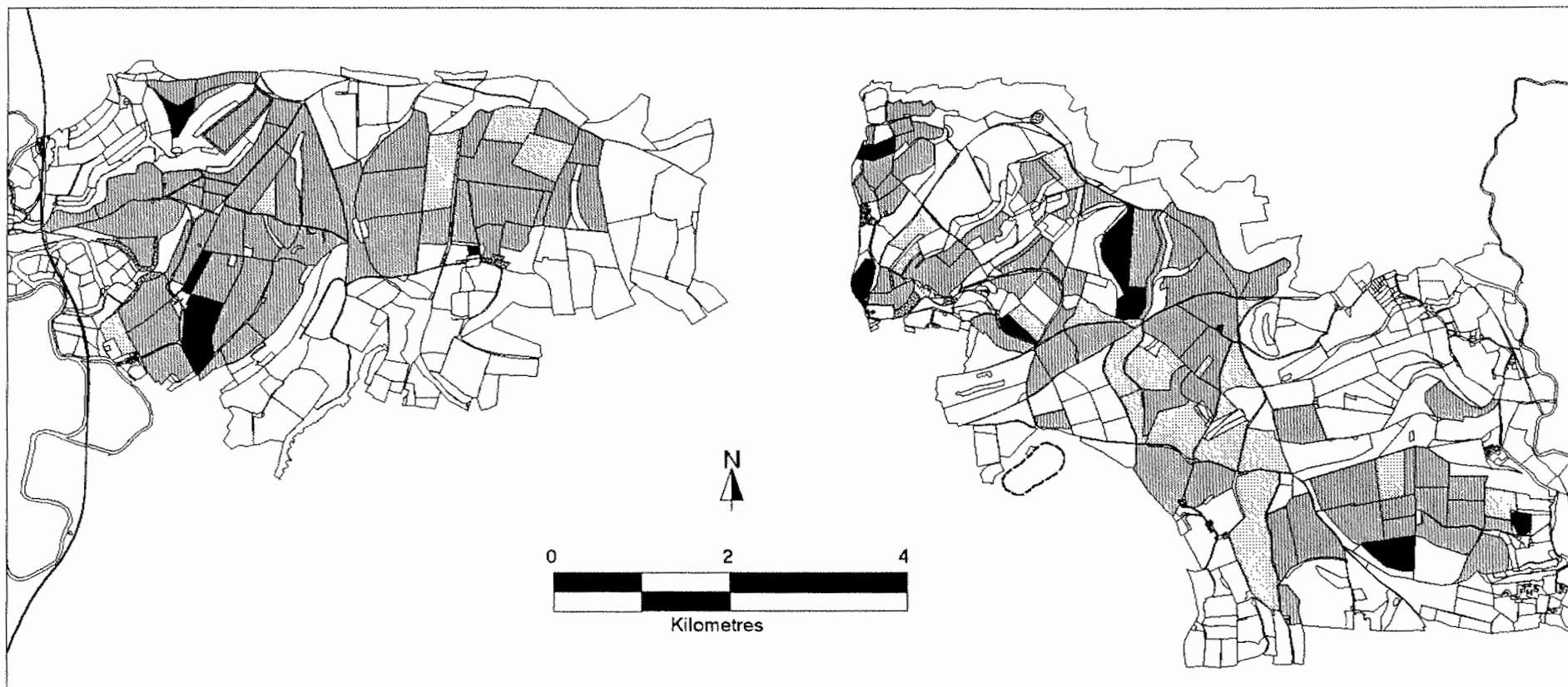
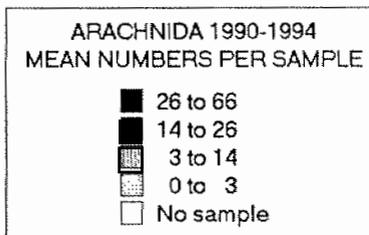
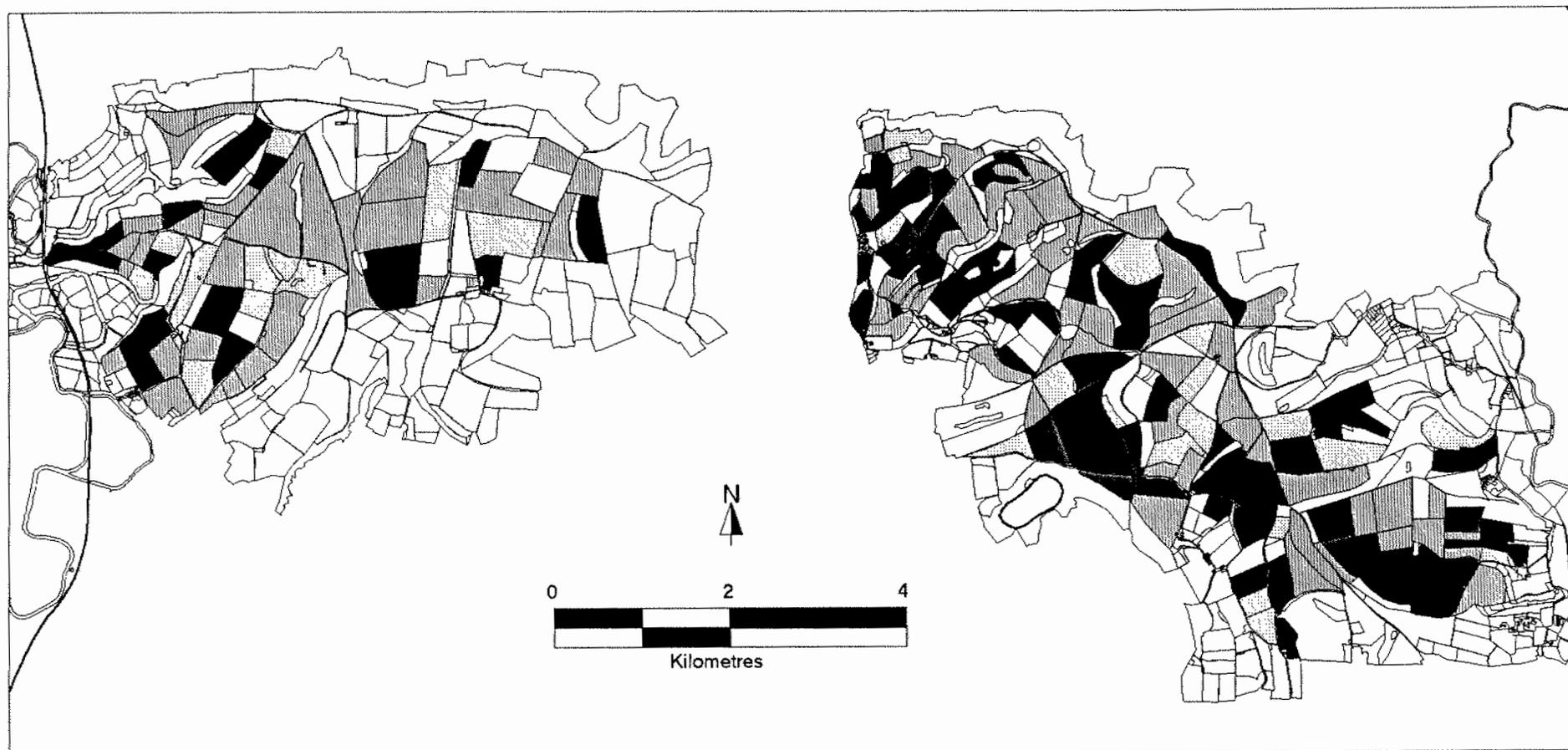


Fig. 18. Distribution of spiders and harvestmen (*Araneae* & *Opiliones*) across the Sussex study area in **(a)** 1970-1974 and **(b)** 1990-1994. For each field, the value is the mean of the samples that were collected there over the five-year period.

Fig. 18 (b). Spiders and harvestmen 1990-1994.





CARABIDAE & ELATERIDAE 1970-1974
MEAN NUMBERS PER SAMPLE

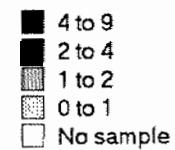


Fig. 19. Distribution of large beetles (Carabidae & Elateridae) across the Sussex study area in **(a)** 1970-1974 and **(b)** 1990-1994. For each field, the value is the mean of the samples that were collected over the five-year period.

Fig. 19 (a). Large beetles 1970-1974.

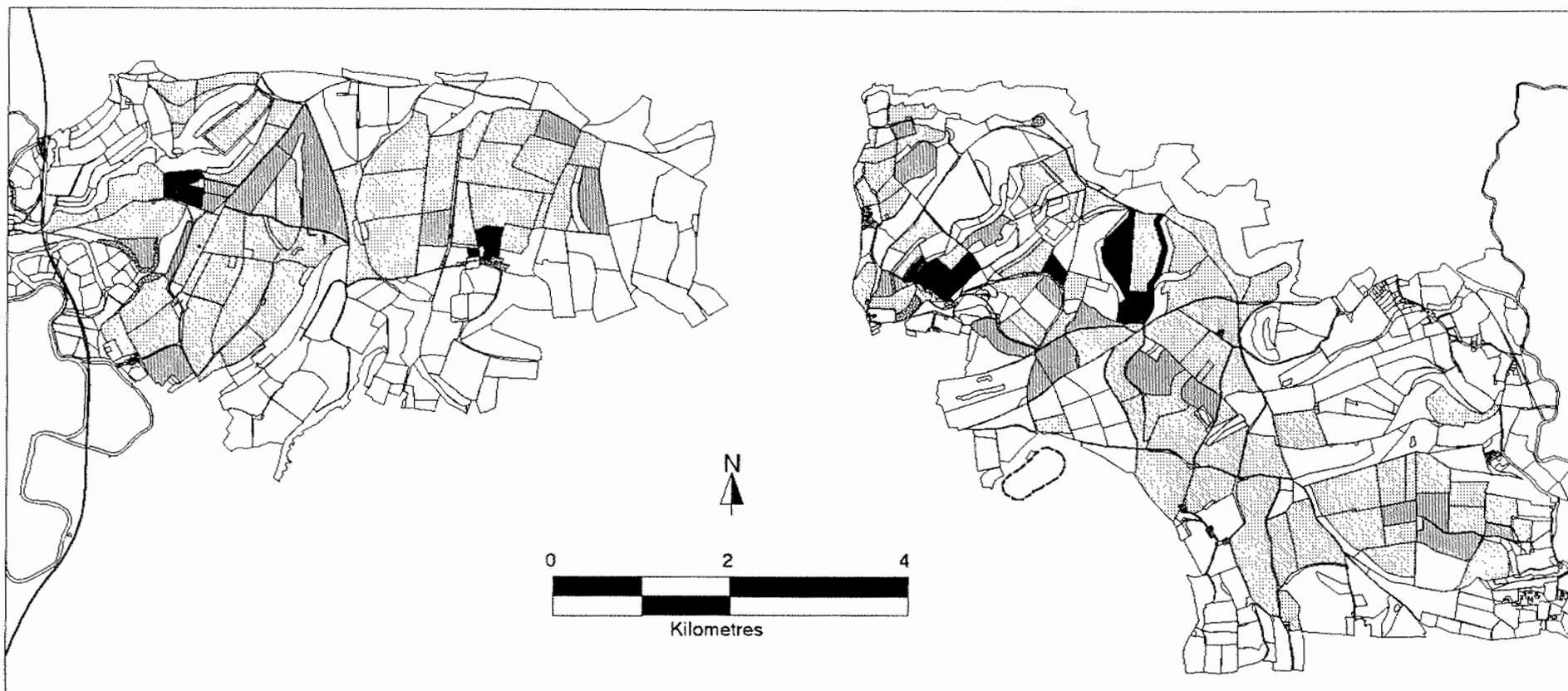
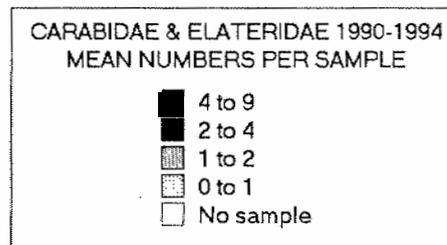


Fig. 19. Distribution of large beetles (Carabidae & Elateridae) across the Sussex study area in (a) 1970-1974 and (b) 1990-1994. For each field, the value is the mean of the samples that were collected over the five-year period.

Fig. 19 (b). Large beetles 1990-1994.



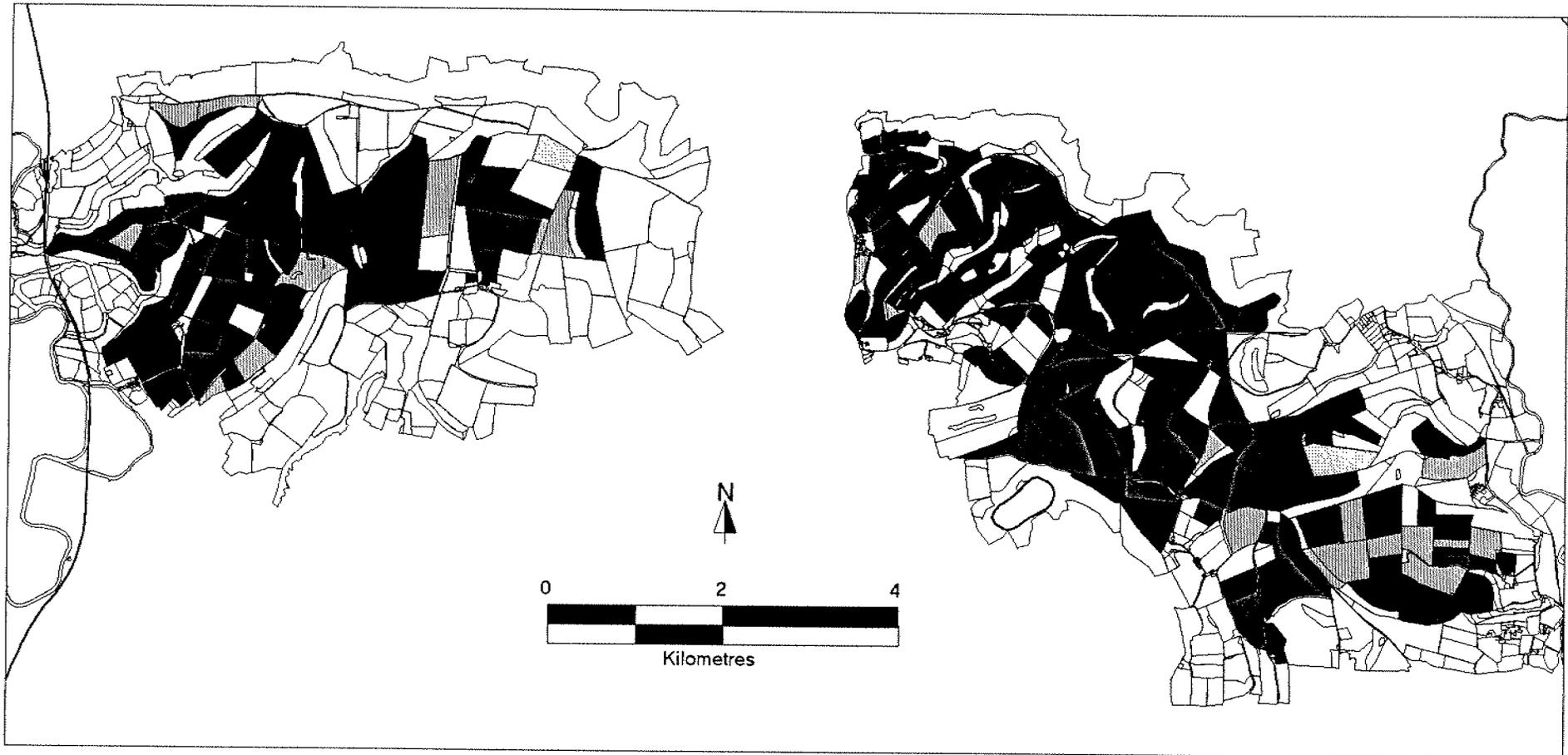


Fig. 20. Distribution of small beetles (other Coleoptera) across the Sussex study area in (a) 1970-1974 and (b) 1990-1994. For each field, the value is the mean of the samples that were collected over the five-year period.

Fig. 20 (a). Small beetles 1970-1974.

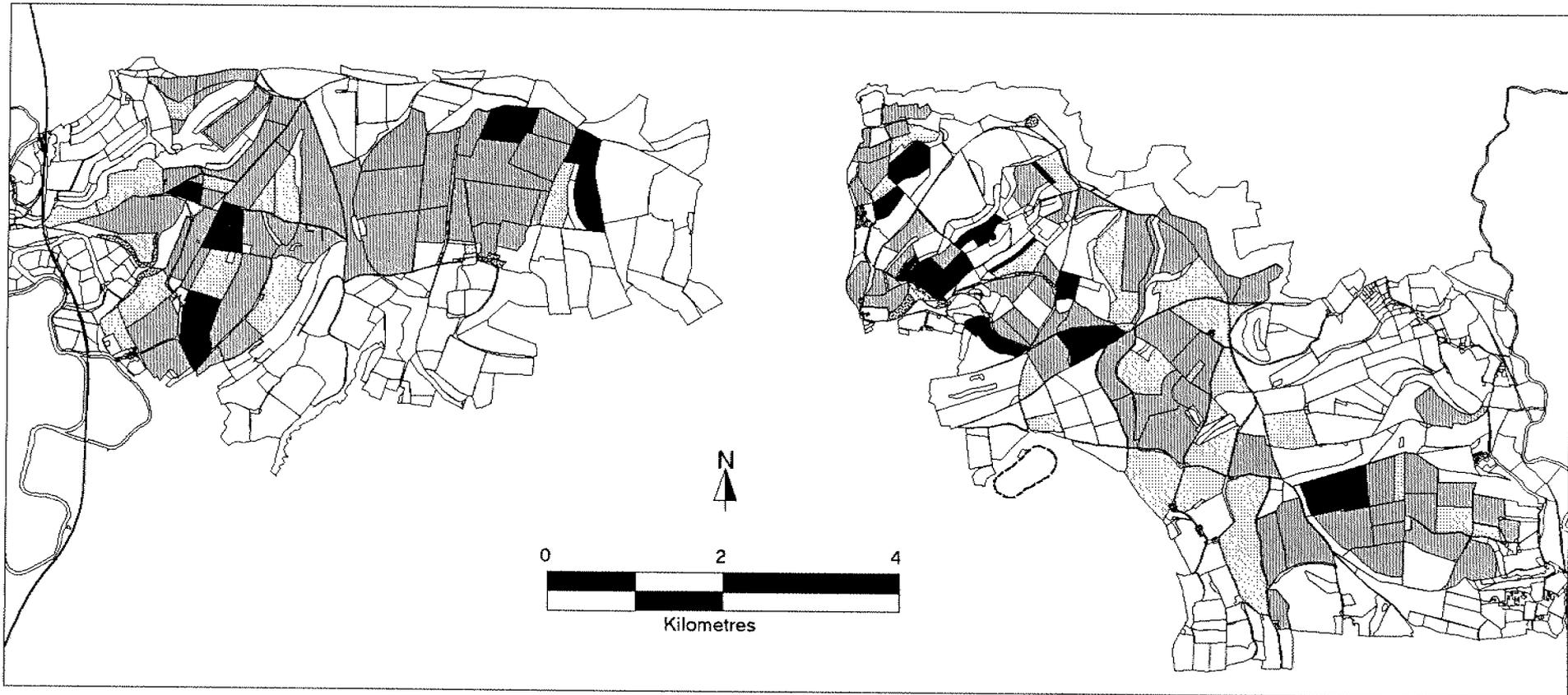


Fig. 20. Distribution of small beetles (other Coleoptera) across the Sussex study area in (a) 1970-1974 and (b) 1990-1994. For each field, the value is the mean of the samples that were collected over the five-year period.

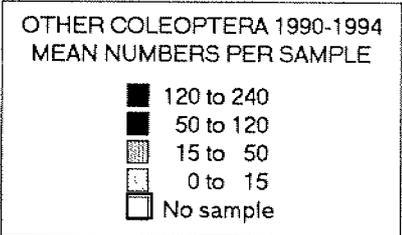


Fig. 20 (b). Small beetles 1990-1994.

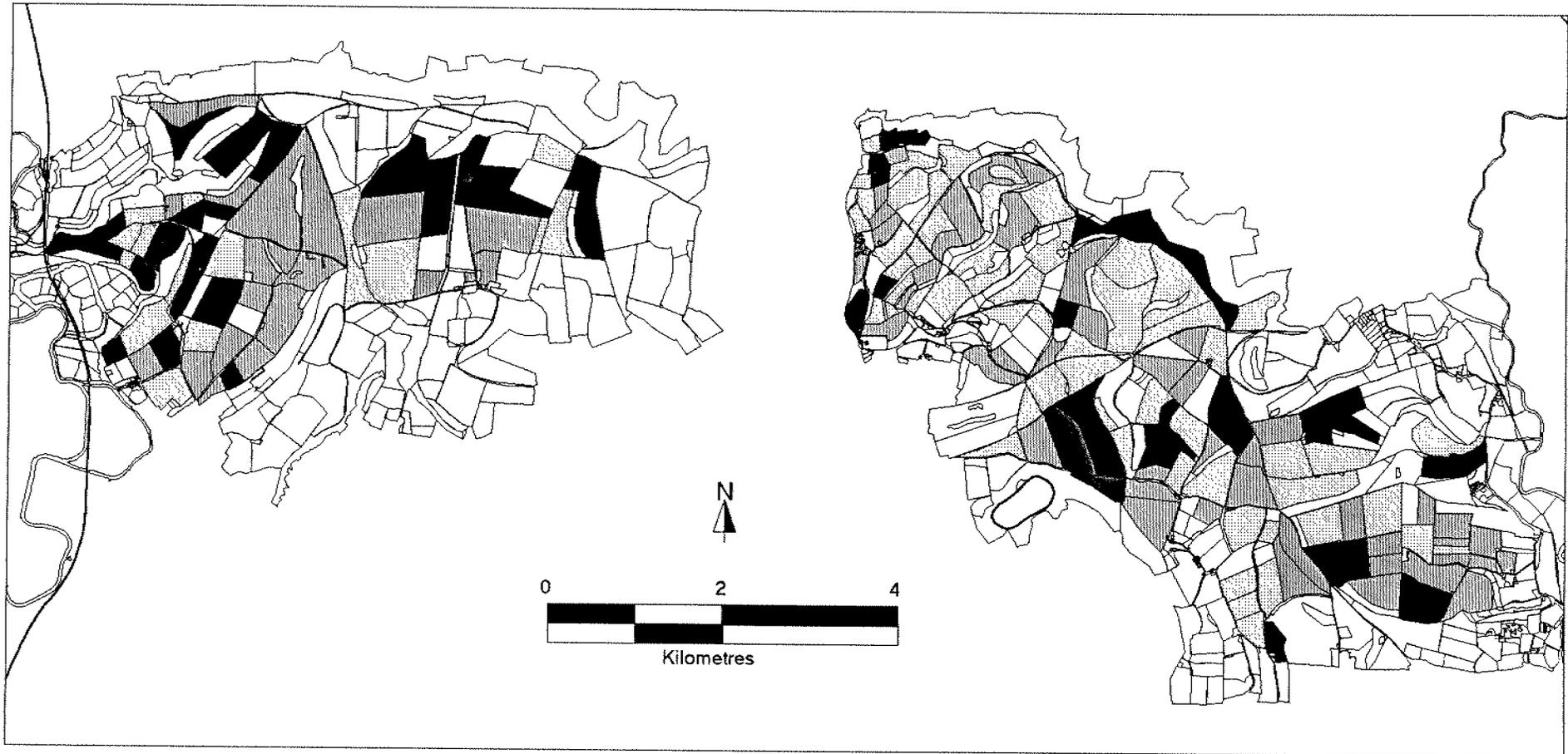


Fig. 21. Distribution of caterpillars (Lepidoptera & Symphyta) across the Sussex study area in **(a)** 1970-1974 and **(b)** 1990-1994. For each field, the value is the mean of the samples that were collected over the five-year period.

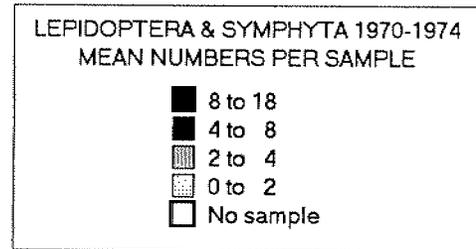


Fig. 21 (a). Caterpillars 1970-1974.

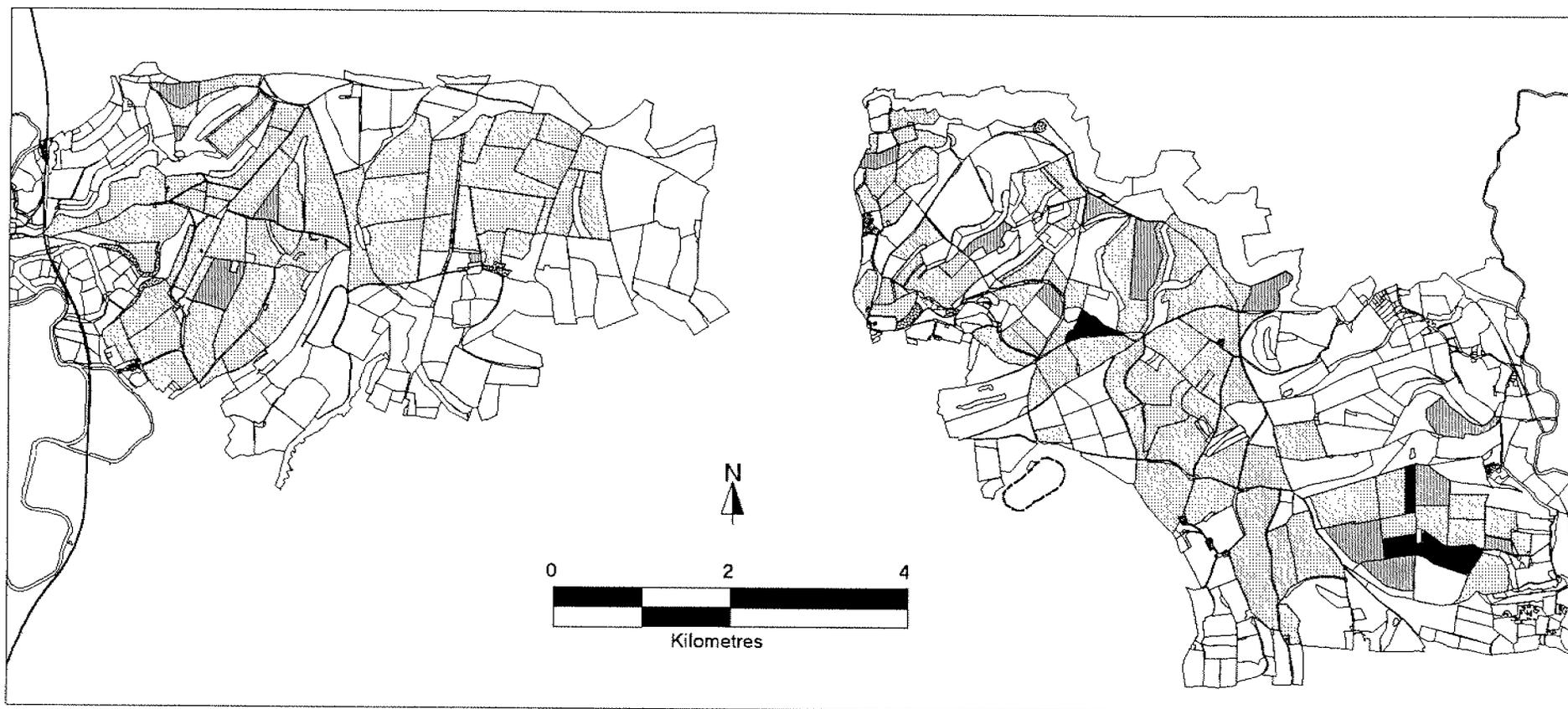
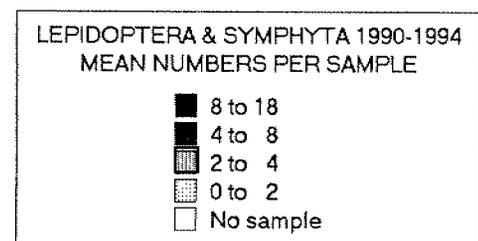


Fig. 21. Distribution of caterpillars (Lepidoptera & Symphyta) across the Sussex study area in **(a)** 1970-1974 and **(b)** 1990-1994. For each field, the value is the mean of the samples that were collected over the five-year period.

Fig. 21 (b). Caterpillars 1990-1994.



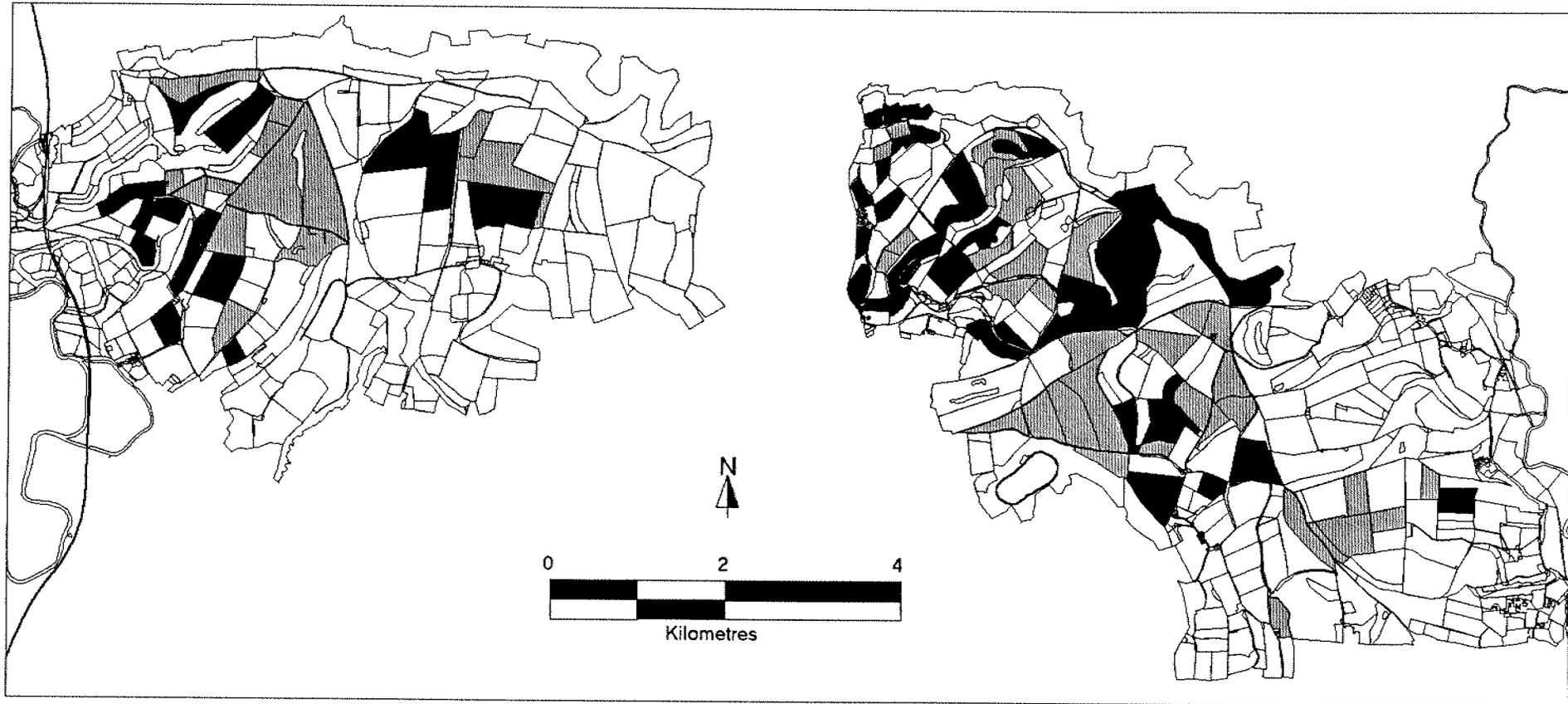


Fig. 22. Distribution of spiders and harvestmen (Araneae & Opiliones) across the Sussex study area in **(a)** 1970 and **(b)** 1990. For each field, the value is the mean of the samples that were collected there.

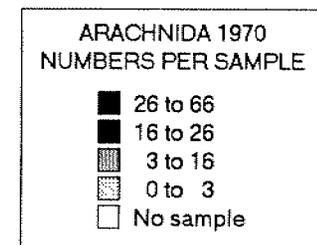


Fig. 22 (a). Spiders and harvestmen 1970.

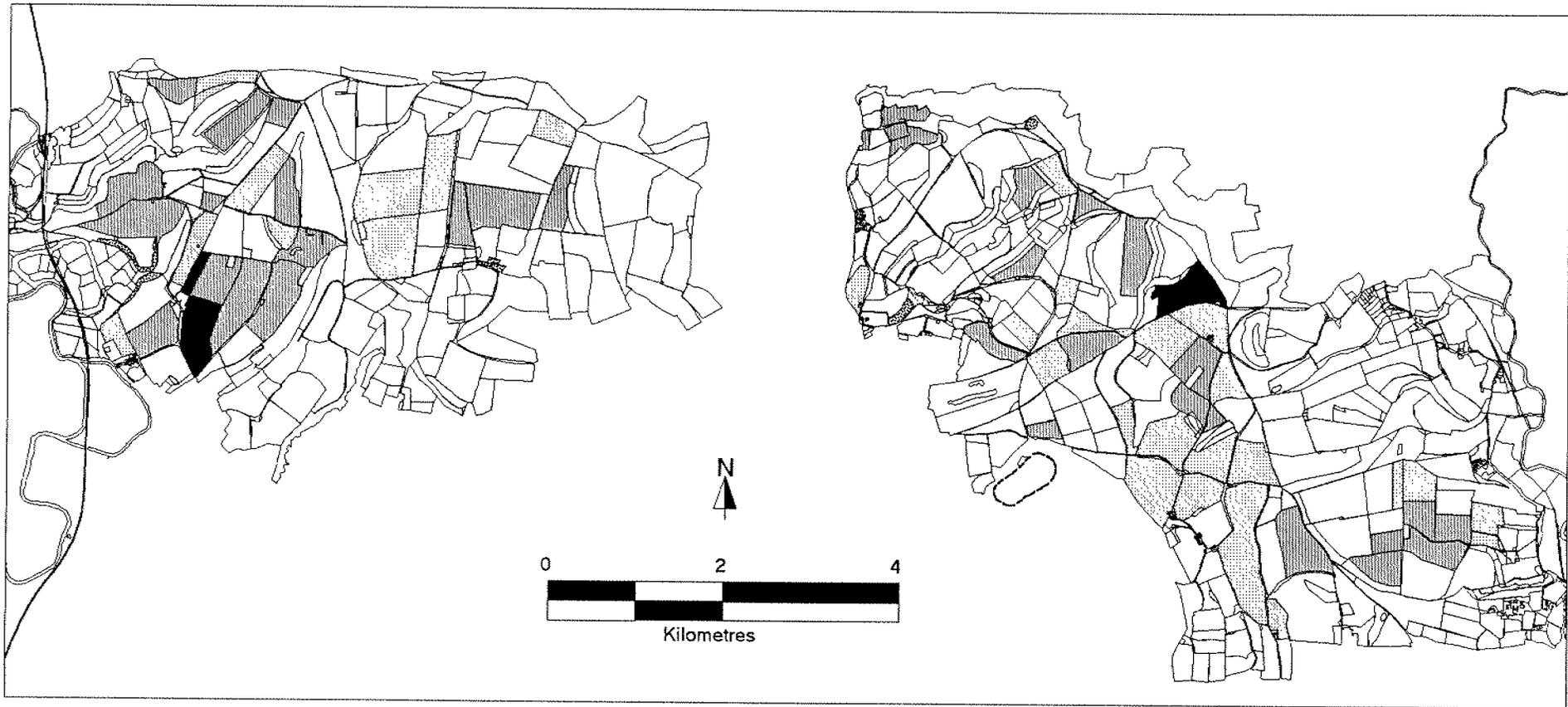


Fig. 22. Distribution of spiders and harvestmen (Araneae & Opiliones) across the Sussex study area in **(a)** 1970 and **(b)** 1990. For each field, the value is the mean of the samples that were collected there.

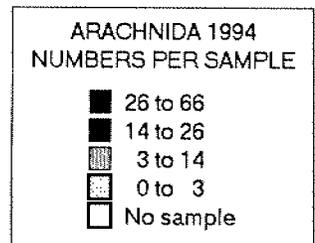


Fig. 22 (b). Spiders and harvestmen 1994.

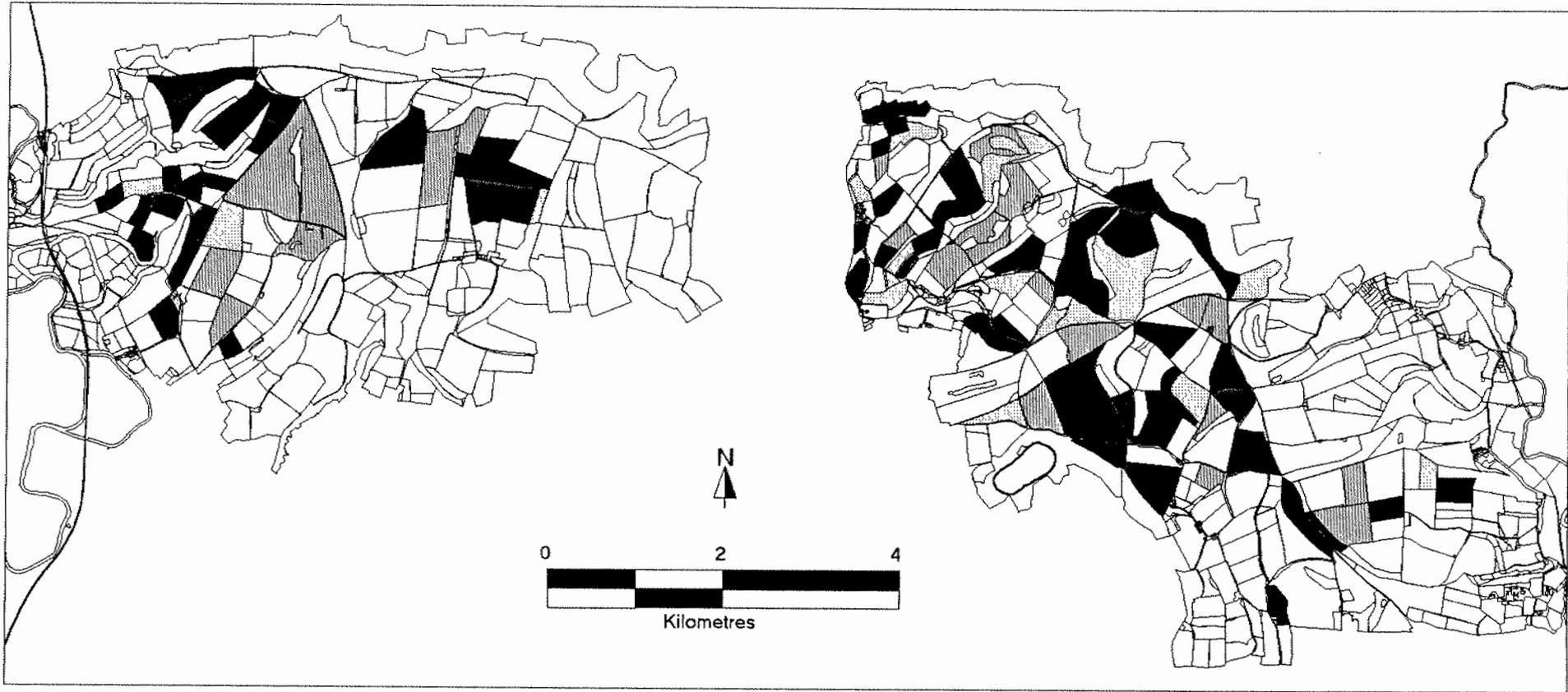


Fig. 23. Distribution of caterpillars (Lepidoptera & Symphyta) across the Sussex study area in **(a)** 1970 and **(b)** 1990. For each field, the value is the mean of the samples that were collected there.

Fig. 23 (a). Caterpillars 1970.

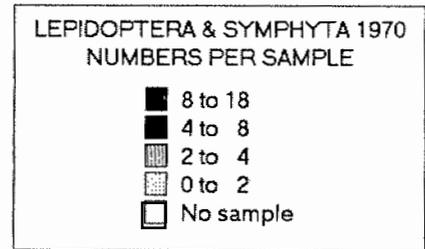
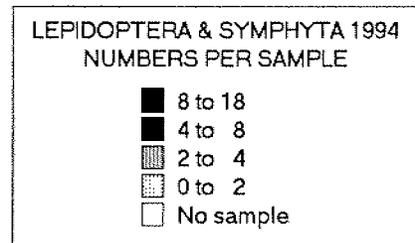


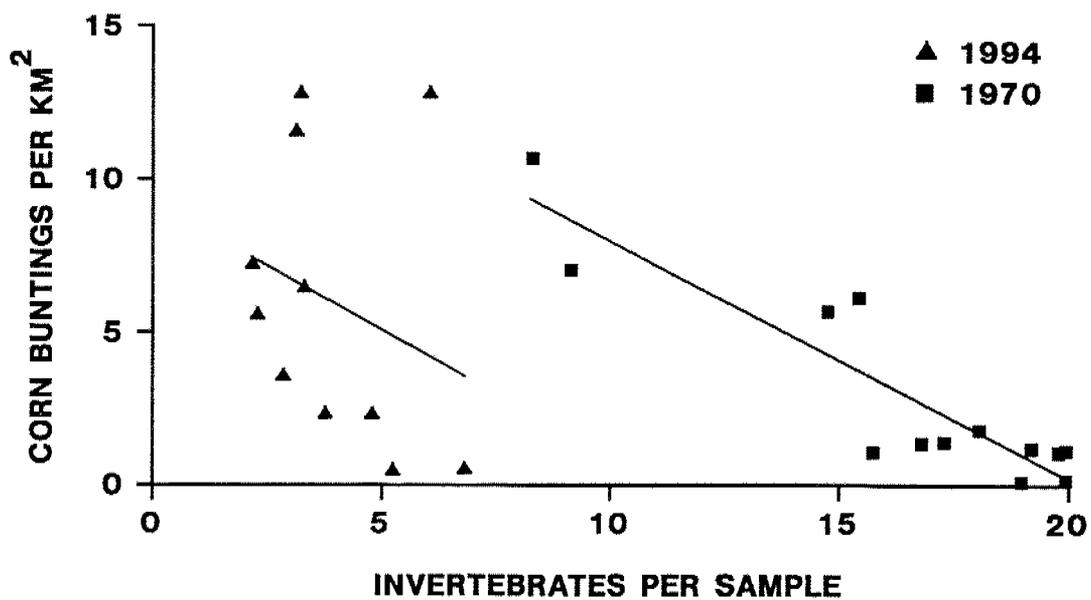


Fig. 23. Distribution of caterpillars (Lepidoptera & Symphyta) across the Sussex study area in (a) 1970 and (b) 1990. For each field, the value is the mean of the samples that were collected there.

Fig. 23 (b). Caterpillars 1994.



(a) Spiders and harvestmen



(b) Caterpillars

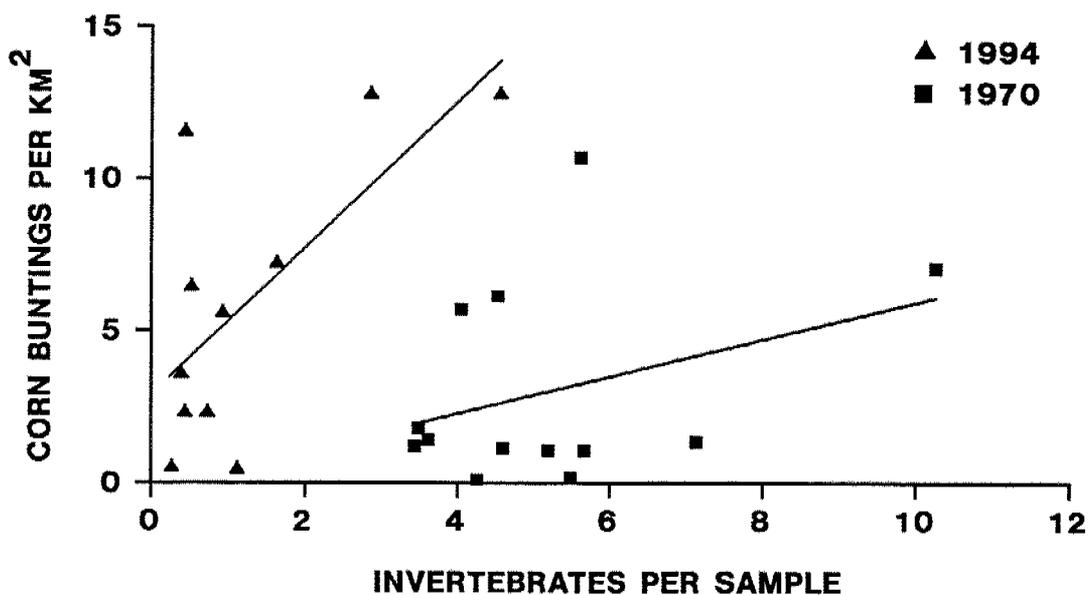


Fig. 24. The relationship between the number of singing male Corn Buntings per km² in the Sussex study area and (a) spiders and harvestmen (Araneae & Opiliones) and (b) caterpillars (Lepidoptera & Symphyta), in 1970 and 1994. The invertebrates were sampled (by D-vac) in cereal fields in the third week of June of those years.