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The dynamics of cow population breeds reared in Făget microregion, Timiș County, between the years 2008-2023

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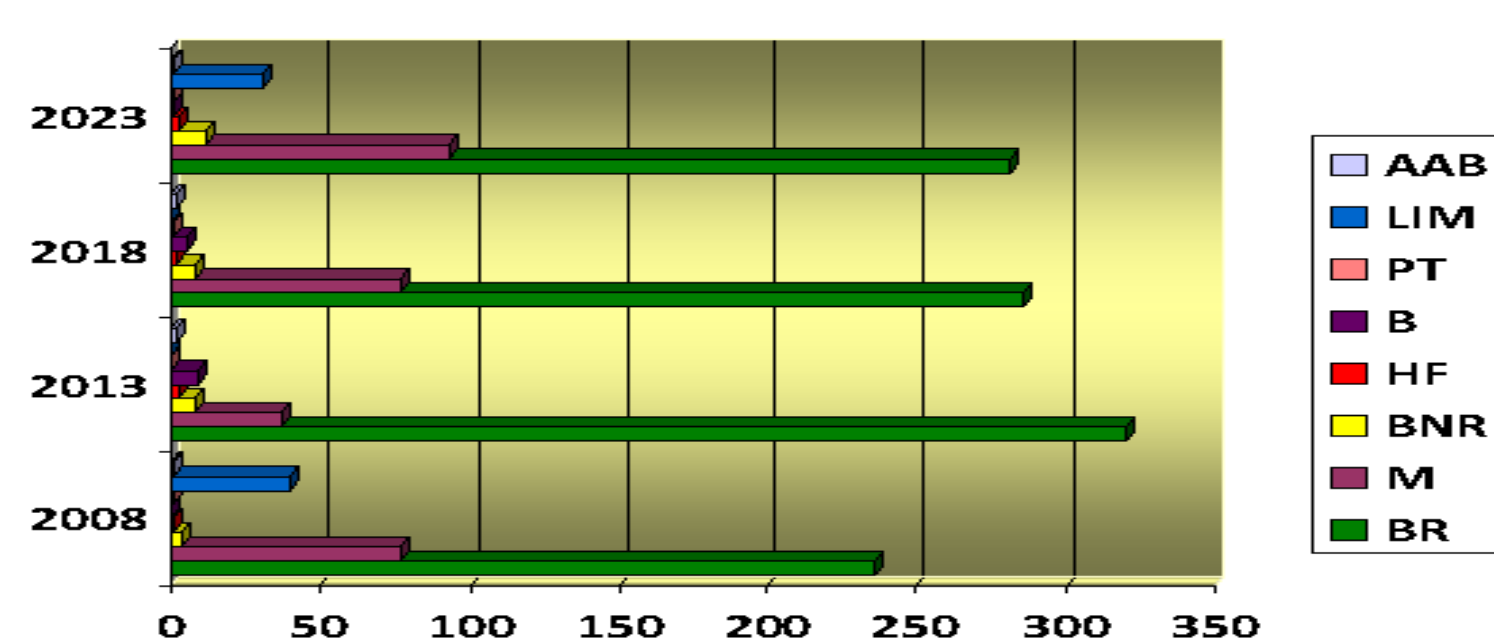
●**Aim:** The aim of this paper was to emphasize the evolution of the number of cows during the period 2008-2023 on cows from the breeds reared in Făget microregion (Traian Vuia, Dumbrava, Fârdea, Făget, Margina and Pietroasa) in Timiș County.

●Material and method

- The study was carried out on cows from the breeds reared in Făget microregion (Traian Vuia, Dumbrava, Fârdea, Făget, Margina and Pietroasa) in Timiș County.
- The evolution of the number of cows during the period 2008-2023 was monitored and divided into 4 groups, each with a duration of 5 years.
- The data originated from the National System of Animal Identification and Registration (SNIIA).

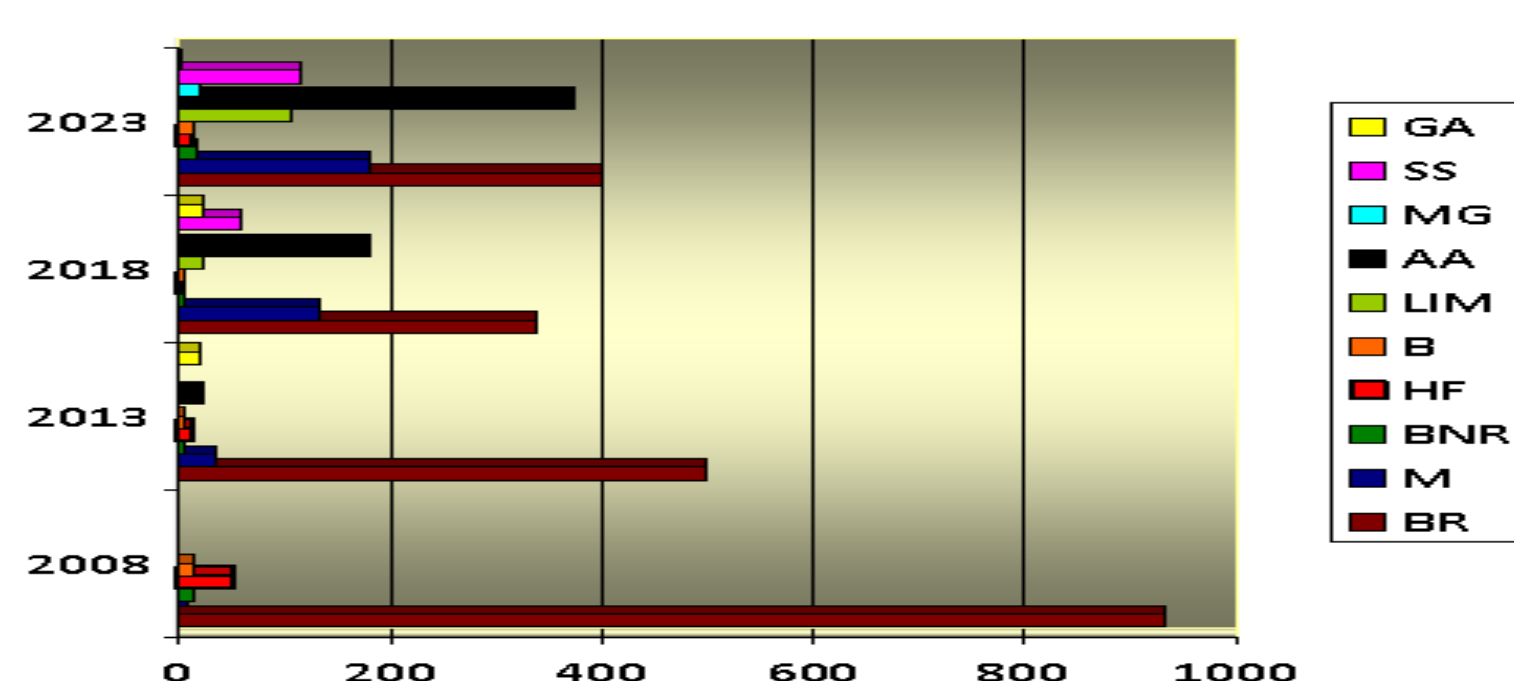
●Results and discussions

The evolution of the number of cows during the period 2008-2023 in Dumbrava commune



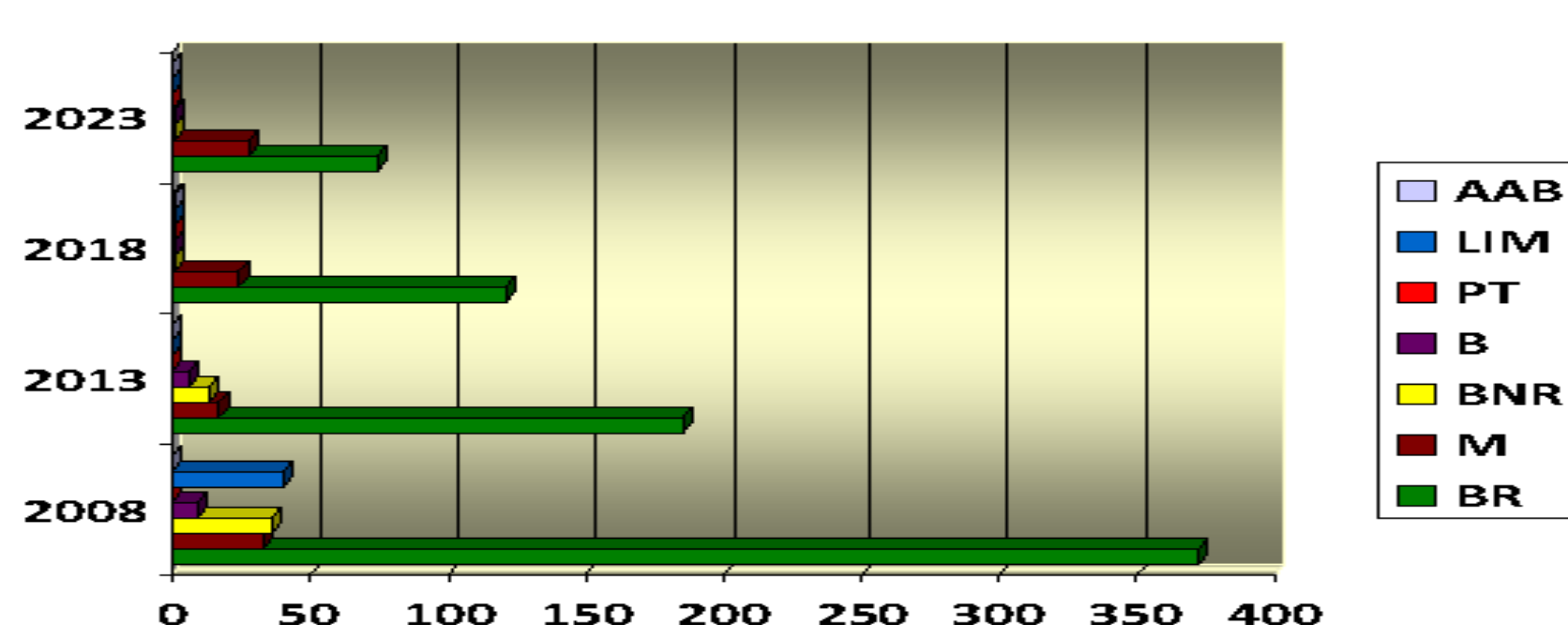
- In Dumbrava, the predominant breed was Romanian Spotted, with an increase of 84 heads from 2008 to 2013, then a decrease of 34 heads until 2018 and a relatively constant numbers until 2023.
- The breeders' interest in meat production was obvious for crossbreds (hybrids), whose number has increased to 93 heads in 2023.

The evolution of the number of cows during the period 2008-2023 in Făget



- In Făget, the Romanian Spotted breed registered a decrease from 931 heads in 2008 to 400 heads in 2023, but the number of hybrids increased to 181.
- At the same time, in 2023, the number of animals from the beef breeds increased: Limousin (106 heads), Aberdeen Angus (372 heads), Steppe Grey (115 heads) and a new breed Murray Gray (22 heads) was introduced.

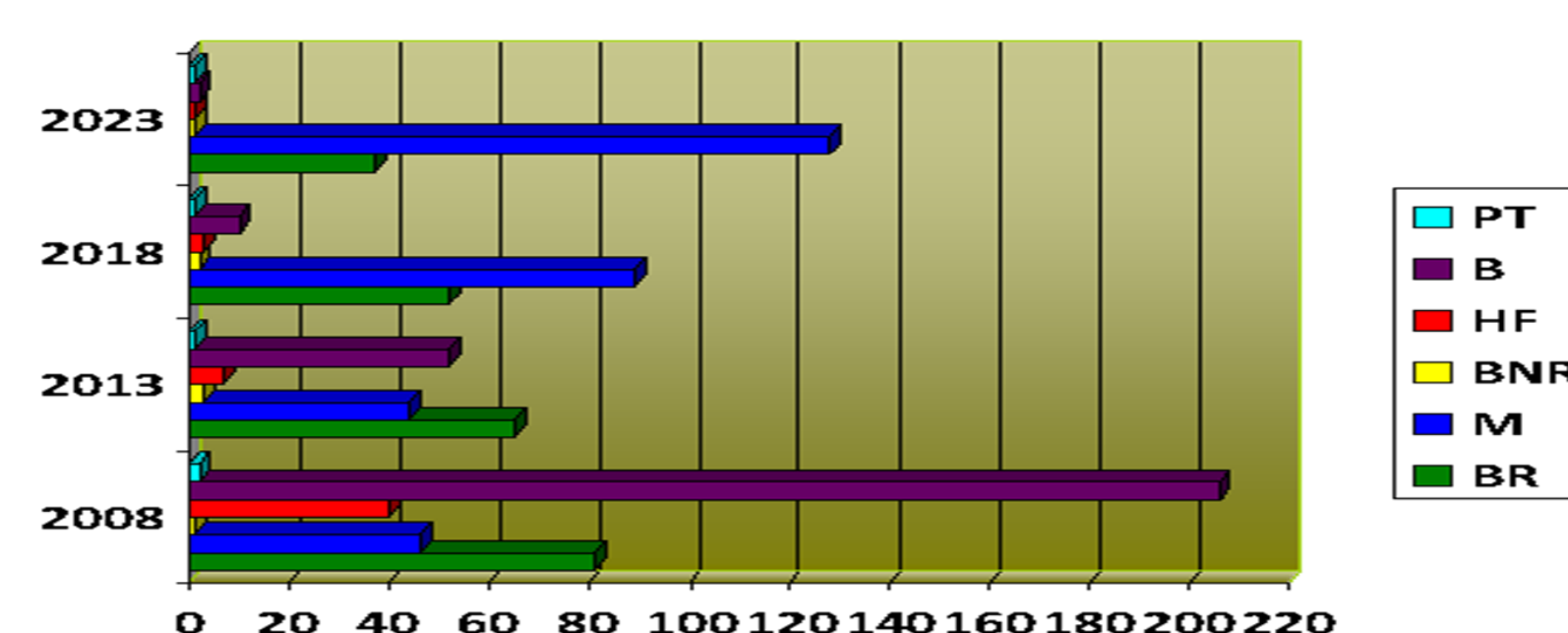
The evolution of the number of cows during the period 2008-2023 in Fârdea commune



- In Fârdea, between 2008-2023, a decrease in the number of cows can be observed, in all breeds, the biggest decrease being in for the Romanian Spotted breed (from 372 heads to 74 heads).

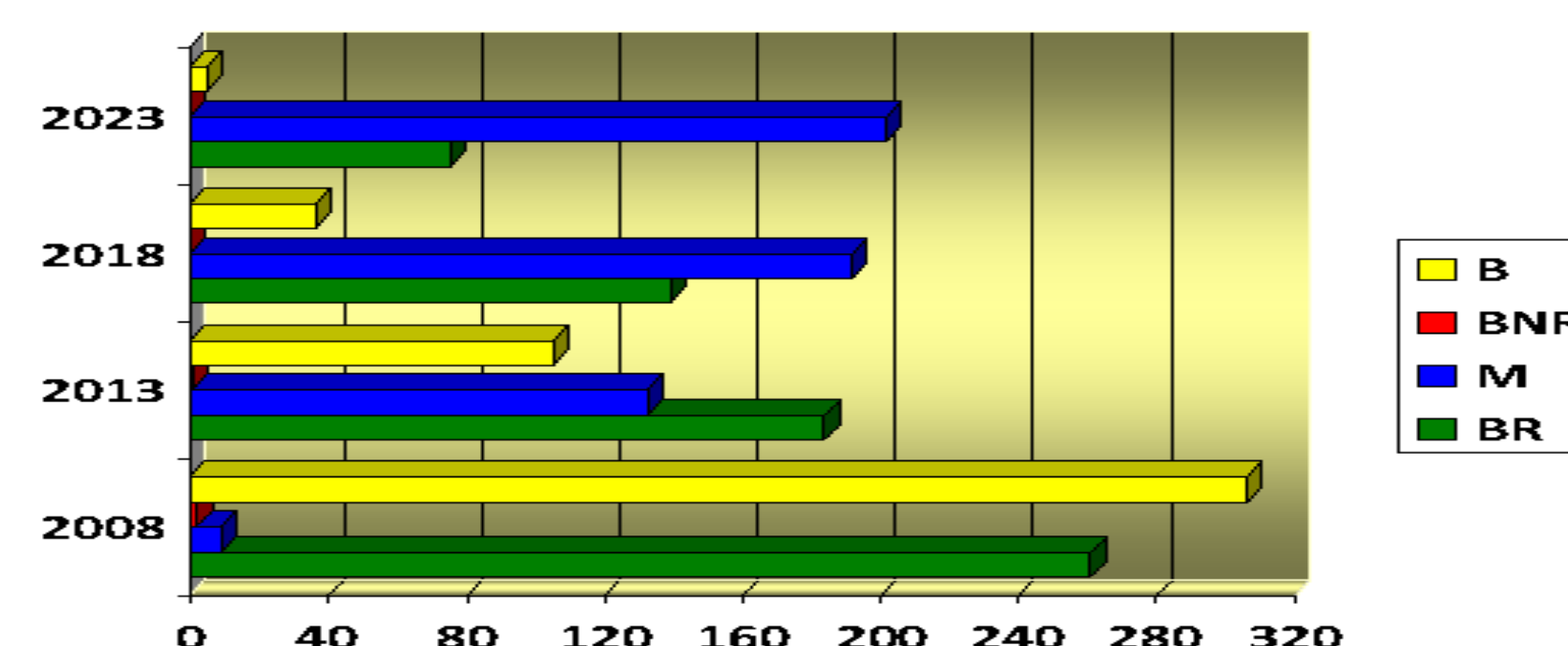


The evolution of the number of cows during the period 2008-2023 in Margina commune



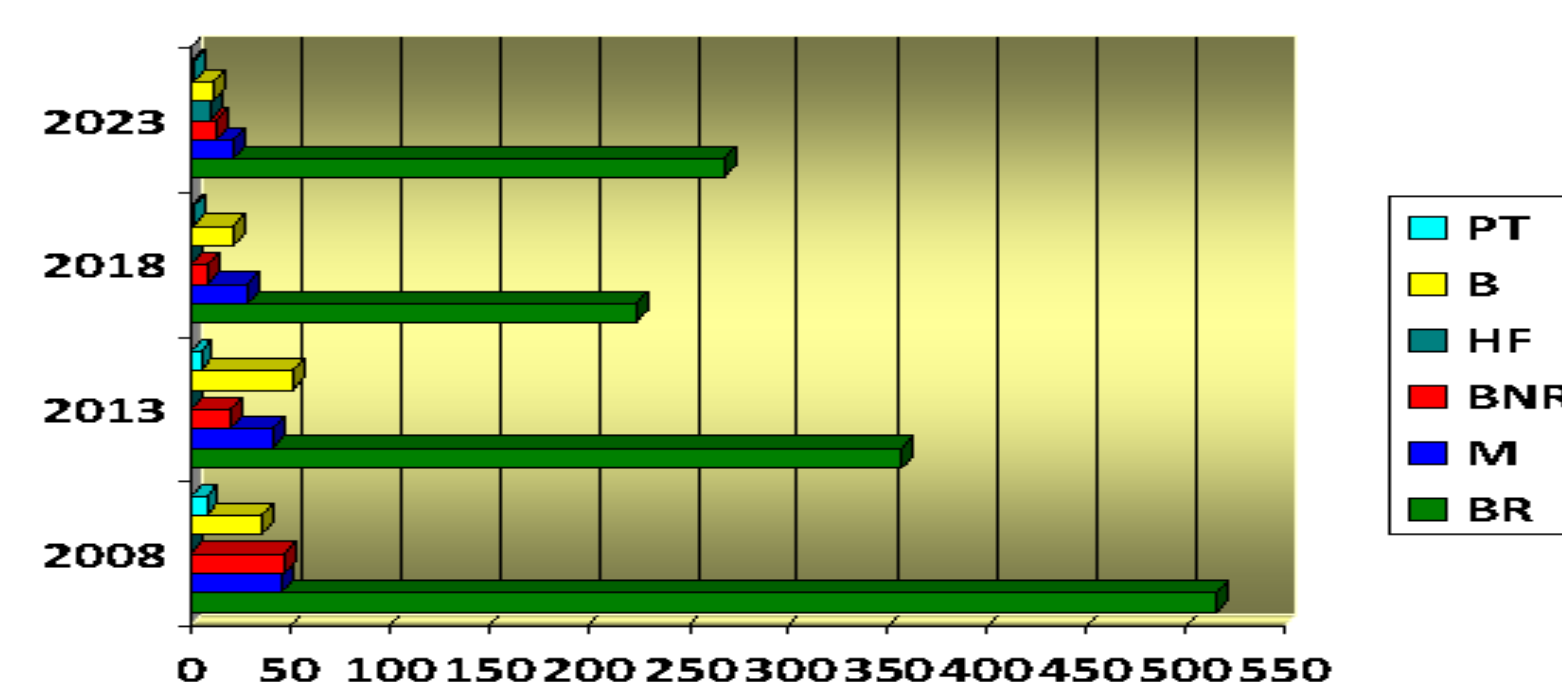
- Between the years 2008-2023, the number of cows reared in Margina area decreased, with the exception of hybrids, which reached 128 heads in 2023.

The evolution of the number of cows during the period 2008-2023 in Pietroasa commune



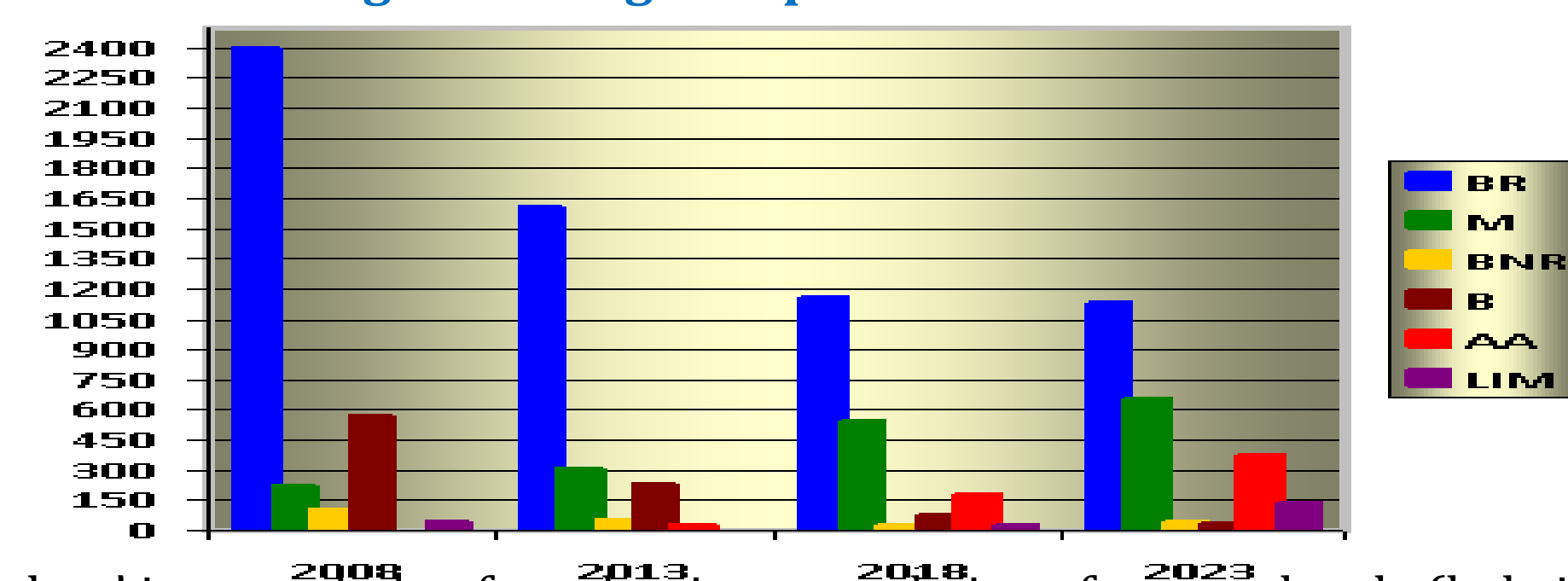
- Major decreases in Pietroasa were observed for the number of cows Brown Swiss (from 306 heads to 5 heads) and Romanian Spotted (from 261 heads to 75 heads) breeds.
- Increased the number of hybrids to 202 in 2023.

The evolution of the number of cows during the period 2008-2023 in Traian Vuia commune



- Between the years 2008-2023, in Traian Vuia, the number of cows of all breeds reared in this area decreased.

The evolution of the total number of cows from breeds reared in the Făget microregion during the period 2008-2023



- The breeders' interest in beef production was obvious for crossbreds (hybrids) whose number has increased from 220 heads to 654 heads, during the studied time frame.

Conclusions

- Decreases in the number of cows were observed from 2008 to 2023 for the following breeds: Romanian Spotted (from 2397 heads to 1135 heads), Romanian Black and White (from 104 heads to 44 heads), Brown Swiss (from 571 heads to 36 heads), and Holstein-Friesian (from 94 heads to 29 heads).
- Increases during this period were recorded for the following breeds: Limousin (from 40 heads to 137 heads), Aberdeen Angus (from 25 heads to 372 heads), and Steppe Grey (from 58 heads to 115 heads).
- In the last 2 years, the Murray Grey breed (22 heads) has been introduced in Făget, a breed that was not found anywhere else in Romania before.