

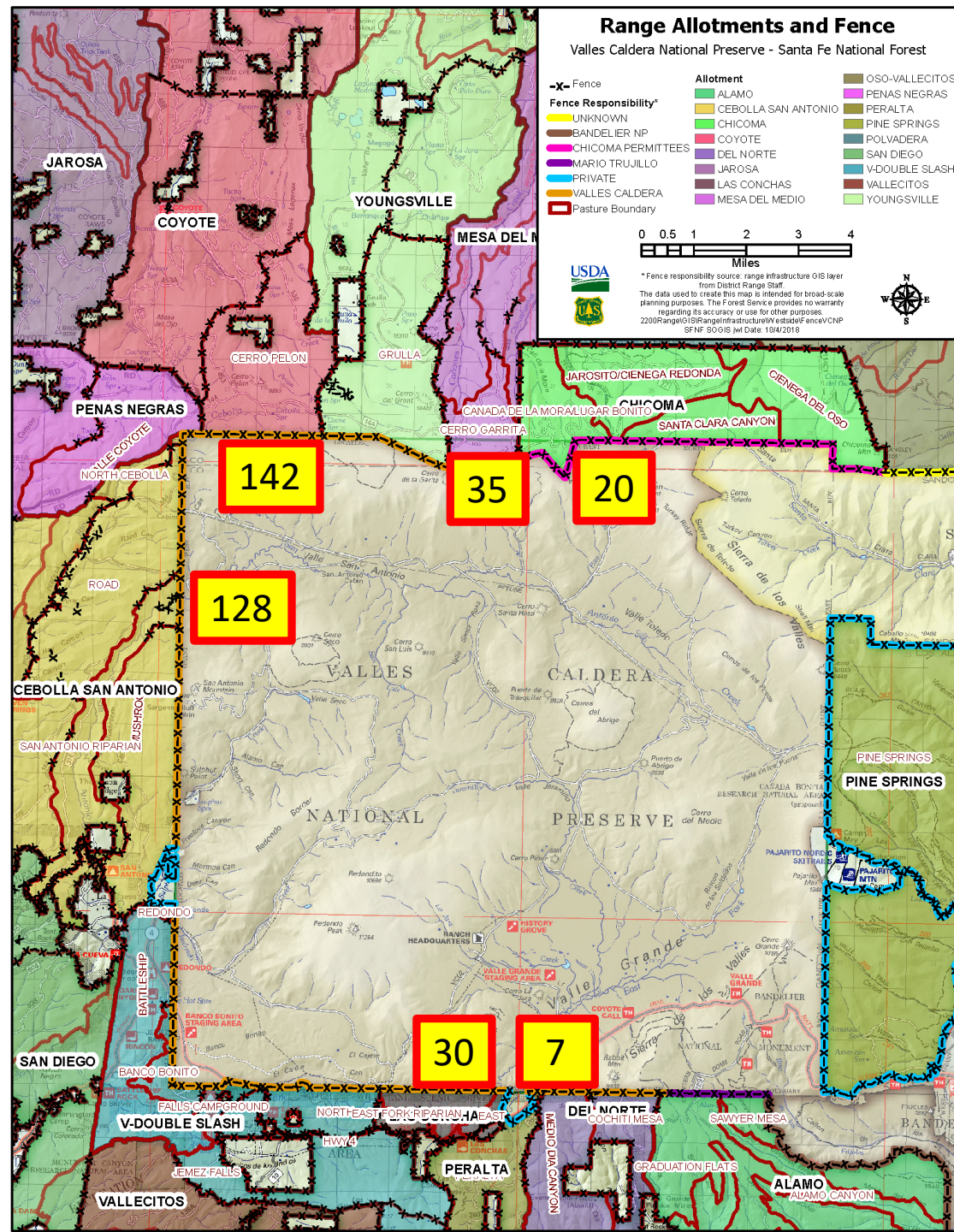
Summary of Valles Caldera National Preserve trespass cattle activities, May 1 – Sept. 13, 2023

1. Total of 14 reports from NM Wild, and many more reports from VALL staff, outside scientists, volunteers and visitors. Nearly all groups of cattle produced multiple reports to VALL.
2. Total of 371 cattle in 18 groups (9 owners) observed during May-Sept. 13.
3. Average # of days between cattle observation report until livestock owner notification = 1.6 days
4. Average # of days between owner notification and cattle removed = 2.7 days
5. Average time on Preserve per cow ~ 5 days.

Source area SFNF allotments for trespass cattle found on Valles Caldera National Preserve, May 1 – Sept. 13, 2023.

362 identified cows from 6 allotments.

9 cows could not be identified and never found after first observation.

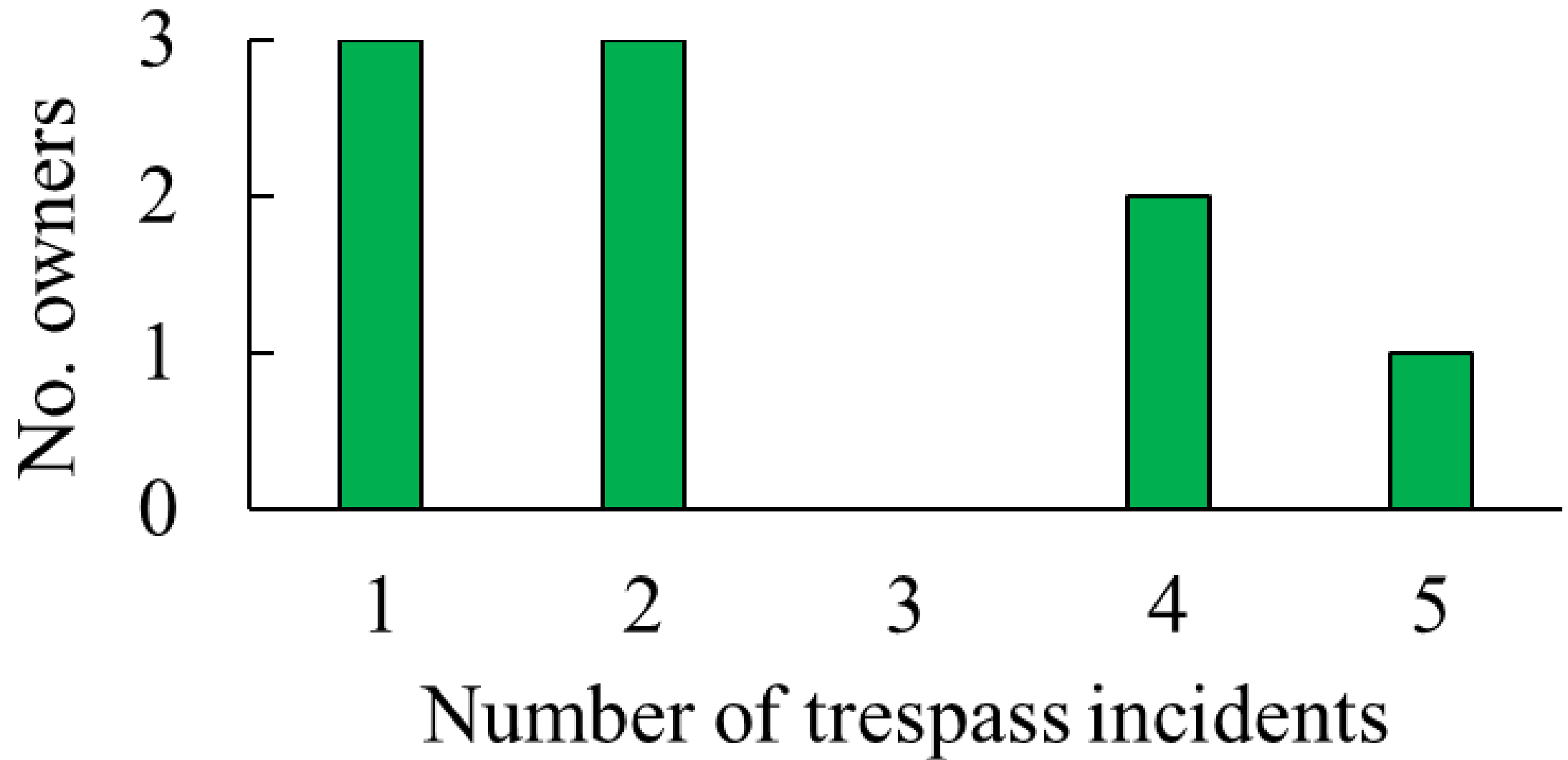


Key

142

= Number of cows from allotment

Repeat incidents/owner



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Calculation of forage value used by trespass cattle:

$371 \text{ cows} \times 5 \text{ days/cow} = 1,855 \text{ cow-days on Preserve}$

$1,855 \div 30 \text{ days/month} = 62 \text{ cow-months, or Animal Unit Month (AUM)}$

One AUM = \$20 (New Mexico market rate)

Total forage value = $62 \text{ AUM} \times \$20/\text{AUM} = \mathbf{\$1,240}$