

RHINO PATROL AND MONITORING UNITS CAT TIEN NATIONAL PARK VIETNAM

TECHNICAL REPORT 4: JUNE & JULY 2002

RESULTS OF RHINO SURVEY JUNE AND JULY 2002

By Bui Huu Manh

**WWF - ASIAN RHINO AND ELEPHANT ACTION STRATEGY
in VIETNAM**



**CAT TIEN NATIONAL PARK CONSERVATION PROJECT
JUNE & JULY 2002**

RHINO PATROL AND MONITORING UNITS CAT TIEN NATIONAL PARK VIETNAM

TECHNICAL REPORT 4: JUNE & JULY 2002

RESULTS OF RHINO SURVEY JUNE AND JULY 2002

By Bui Huu Manh

**WWF - ASIAN RHINO AND ELEPHANT ACTION STRATEGY
in VIETNAM**



CAT TIEN NATIONAL PARK CONSERVATION PROJECT JUNE & JULY 2002

This report describes the results of the Rhino Protection and Monitoring Units in Cat Tien National Park. This work is generously funded by WWF-US through the Asian Rhino and Elephant Action Strategy (AREAS) and the US Fish and Wildlife Service. It is executed under the auspices of the WWF – Cat Tien National Park Conservation Project and Cat Tien National Park. The Cat Tien National Park Conservation Project is a joint initiative of the Ministry of Agriculture and Rural Development (Hanoi) and the WWF-Indochina Programme, funded by the Governments of Vietnam and The Netherlands.

I. General

Since August of 2001, the RPMUs (Rhino Protection and Monitoring Unit) have made the monthly survey on the Javan rhino in Cat Loc section of Cat Tien National Park. The results (see the first six-month report) have shown that the status of this species is highly critical when there are many information showing that only very few rhinos left. So there is a need to organise a deatail survey to check out this situation again to get the right data on this species in order to build the appropriate management plan for this area. June – July survey is the comprehensive survey to evaluate the status of the rhino in Cat Loc.

Different from the normal monthly survey before, this survey has 3 groups in order to cover the larger area in the same time to get the information synchronously for the easy comparison.

The members of 3 groups are as follow:

- Tien Hoang group
- Gia Vien group
- Phuoc Son group

This survey has been divided into 2 period: the first period is from 22nd of June to the end of June, the second is from 7th until 17th of July.

In the first period, Tien Hoang group surveys the Northeast area of Village No.4 to check wether the rhino distributes outside the already known range. Phuoc Son group surveys the area from Phuoc Son station up to Beu Cau station (the northwest of the rhino range). Gia Vien group survey the area from K'Lo – K'Ích westwardly.

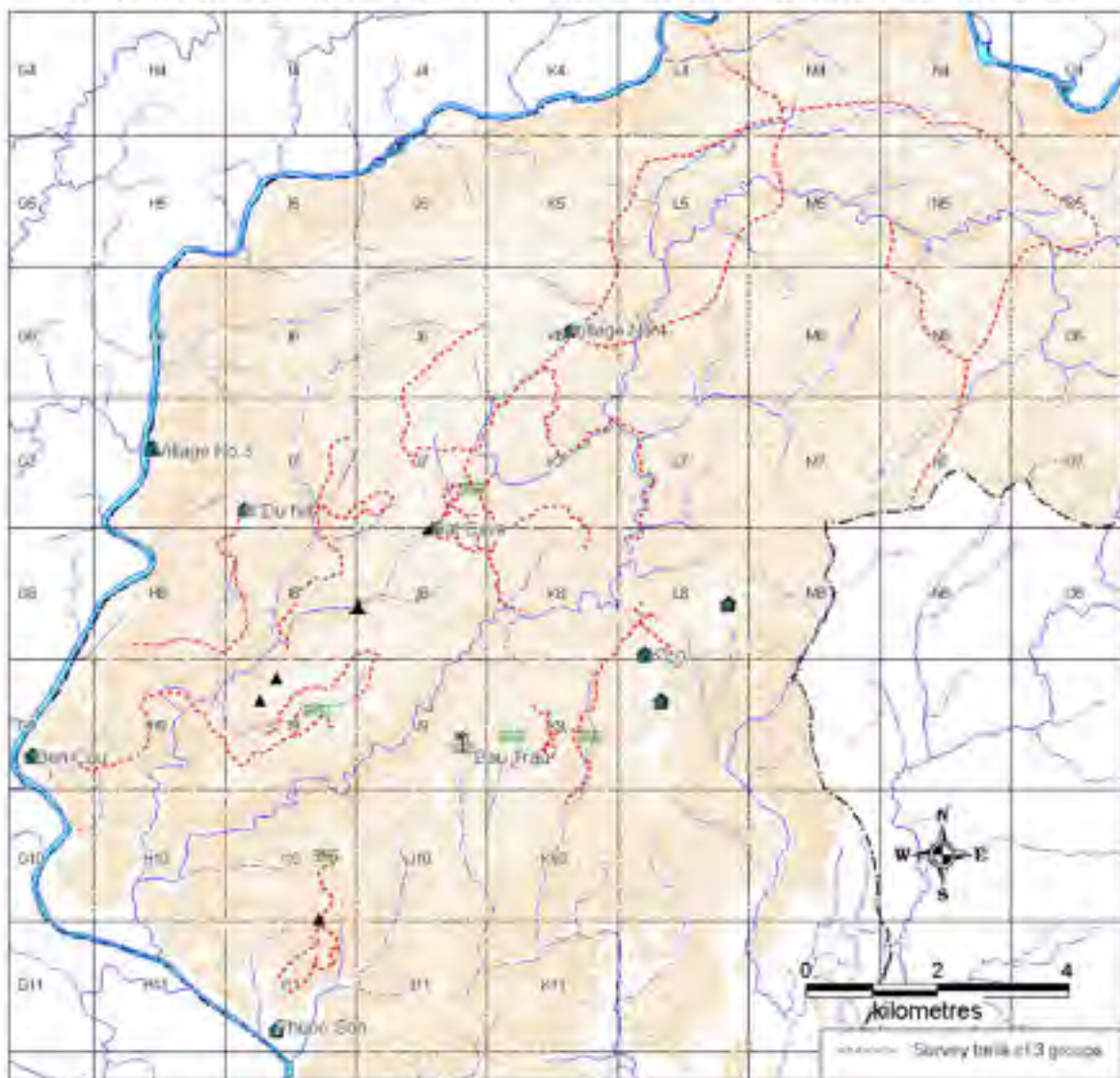
In the second period, Tien Hoang group surveys the area from Village No.4 down to the Bat Cave, Gia Vien group surveys the area from K'Lo – K'Ích up to Bat Cave, Phuoc Son group surveys the area from Bau Chim up to Dinh Vu area (Da Dinh De stream). (see map 1).

II. Generals results

In period one, 3 group have got the following results:

- Tien Hoang group: this group has covered a large area in the Northeast of village No.4 but they didn't find any information about the rhino. This proves that the rhino never moves up north of Village No.4. This group has covered blocks K6, L6, L5, L4, M4, M5, N4, N5, O5, N6.
- Phuoc Son group: this group has found information about rhino in hilly areas near Bau Trau, in the beginning of Suoi Tre, in Suoi Lanh area (old tracks). This group has covered the blocks of I6, I7, I10, J10, J9, K9.

Map 1. SURVEY TRAILS OF THREE GROUP IN JUNE AND JULY OF 2002



- Gia Vien group: They have surveyed the blocks of L8, K8, J9, K9, L9, K10, L10 and found rhino signs in blocks of K9, L9 and L8, in which the rhino information has been known before since the previous monthly survey. They found new tracks of rhino only in 2 areas: Bau Trau and the area in southeast of Bau Trau, about 1 km away from Bau Trau. In the northern part of K'Lo (on the way to Da Toi stream), they also found rhino sign but they are old, at least 1 month old so they can't make any measurements.

The area which 3 groups covered in period two is presented in Map No.1. The results are as follows:

- Tien Hoang group: only found rhino signs in the area around Bat Cave, about 1 km away from the Bat Cave, along the Suoi Lanh area. All the signs are old, at least one month old. This group only can make on plaster of front hoof.
- Gia Vien group: found rhino signs in block E6, E7, F7, F8. Rhino signs are mostly found in the area between Suoi Lanh stream and Da Toi stream and in 2 areas around Bau Trau. Only the signs in southern part of the Bat Cave are new while the signs in Bau Trau are old. This proves that the rhino has moved from Bau Trau area in June to near Bat Cave in July because this group found new signs of rhino in June in Bau Trau area.
- Phuoc Son group: found rhino sign in the area of Suoi Sinh (or Da Dinh Rech stream) and the beginning of a samml stream mostly in block of D7 and D8). They also found old signs of rhino in this area. The new signs this group found is very near to the location where Gia Vien group found new signs. These two areas are only about 1 km away from each other and on the moving route of the rhino which have been recorded before.

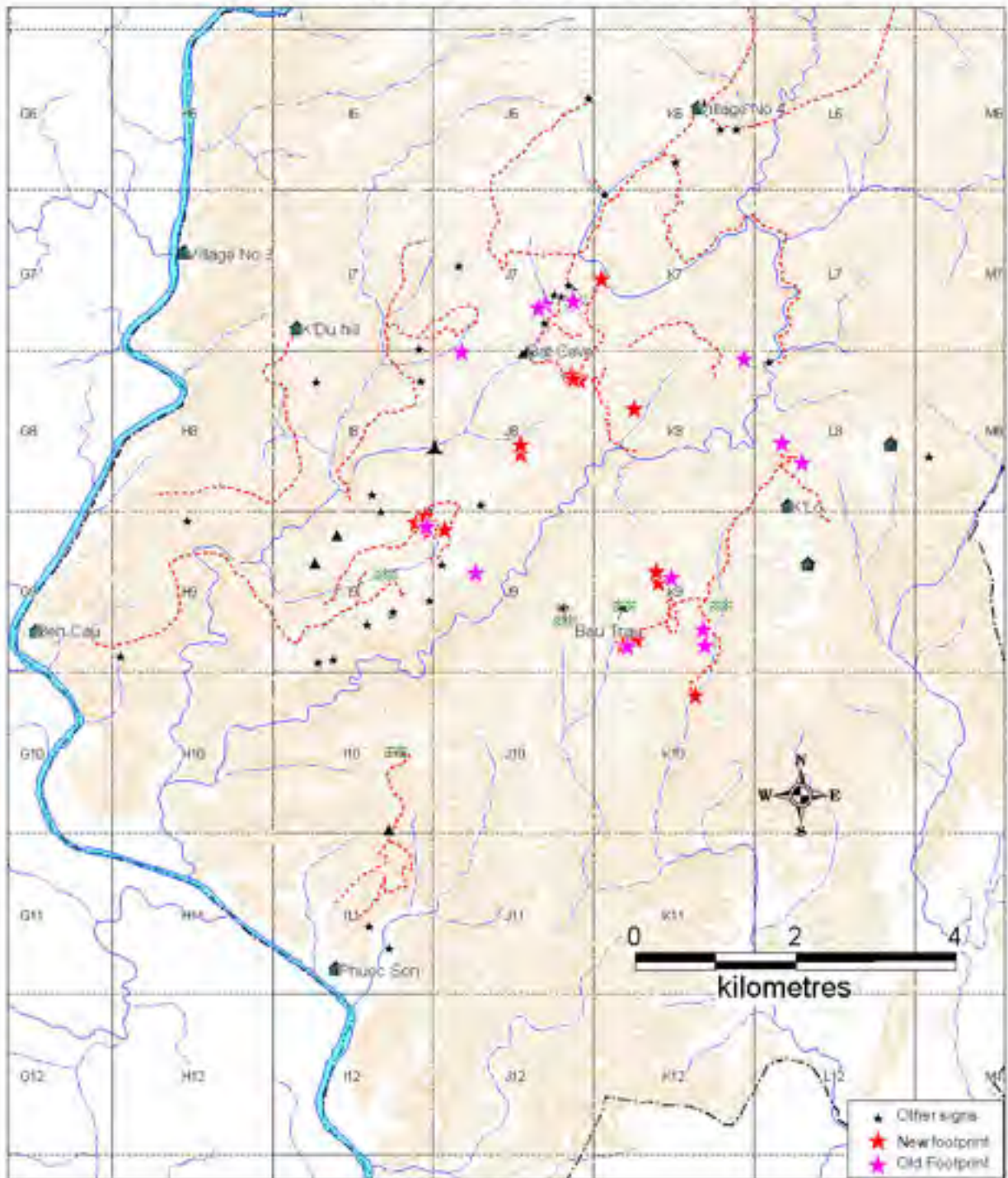
III. Results in detail:

III.1. Footprints:

All 3 groups found the footprints of rhino in those areas: Bau Trau – Dac Lo, Suoi Sinh, Da Dinh De, north and south of the Bat Cave. They also found the footprints scatteredly on the known moving trails of rhino, from Dac Lo to Bau Trau, from Bau Trau to Da Toi stream and then to Bat Cave and Suoi Sinh direction.

New footprints found by Gia Vien group have been recorded in 23th, 24th, 25th, 26th and 27th of June. New footprints in Bat Cave area have been recorded during the time from 9th to 13rd of July. The new footprints found by Phuoc Son group are recorded in 14th and 15th of July. It is obvious that in the end of June, the rhino stays in the Bau Trau – Dac Lo area, while in the first 2 weeks of July, the rhino stays in Suoi Sinh – Bat Cave area.

Map 2. FOOTPRINT SITES FOUND IN JUNE - JULY 2002



III.2. Dung:

The dung of rhino has been recorded in 6 locations, which are:

- 2 locations next together at the top of a small near Bau Trau and 1 location in the beginning of Lua stream, coming out from Bau Trau swamp.
- 1 location on the rhino trail from K'Lo to Da toi stream.
- 2 locations in the northeast of Bat Cave, about 700 meters away from the cave, along a small stream. Dung piles found in these locations area old, about 1 month.

The first 4 locations found by Gia Vien group have dung. If considering with the rhino trail system found in the first 6 months of survey, these 4 locations are on the rhino trail from Bau Trau to Suoi Sinh area.

Phuoc Son group didn't find any dung site during the survey.

III.3. Wallow:

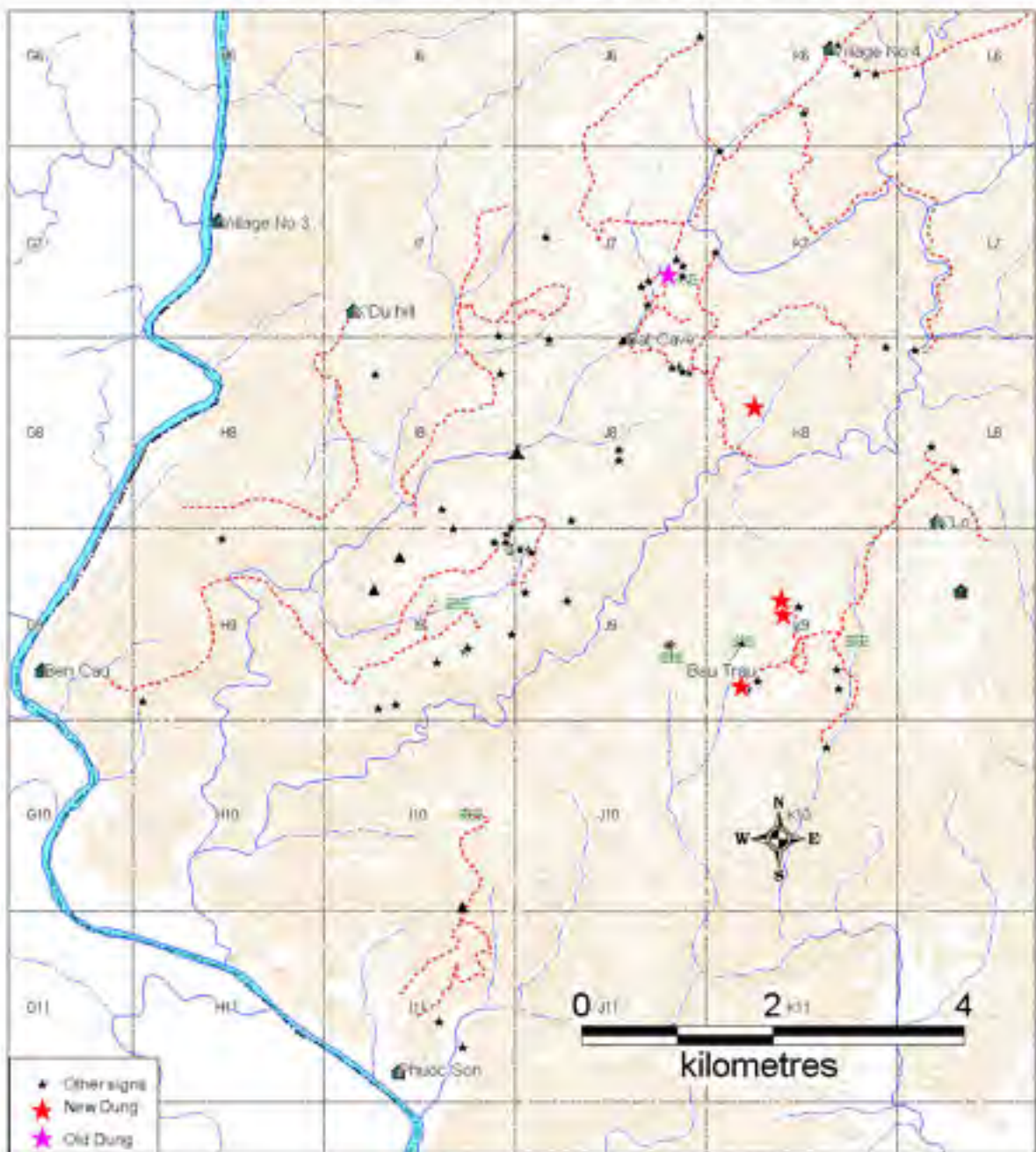
The 3 groups have found 9 locations of wallow. They are:

- 1 location in southeast of Suoi Sinh stream (recorded in 9th of July), 2 locations right at the beginning of Suoi Sinh (recorded in 14th and 15th of July), 2 locations near the beginning of one small stream (coordinate: 107°18'57" E, 11°41'27" N) (recorded in 12th of July). Those are recorded by Phuoc Son team.
- 2 locations in the hilltop near Bau Trau (recorded in 26th and 27th of June); 1 location in southeast of Bat Cave (recorded in 10th of July), about 700 meters away from the cave (recorded in 10th of July); 1 location in the northeast of the Bat Cave, along a branch of Da Dimbo stream, about 1500 meters away from the cave (recorded in 9th of July). Those 4 location are recorded by Gia Vien group.

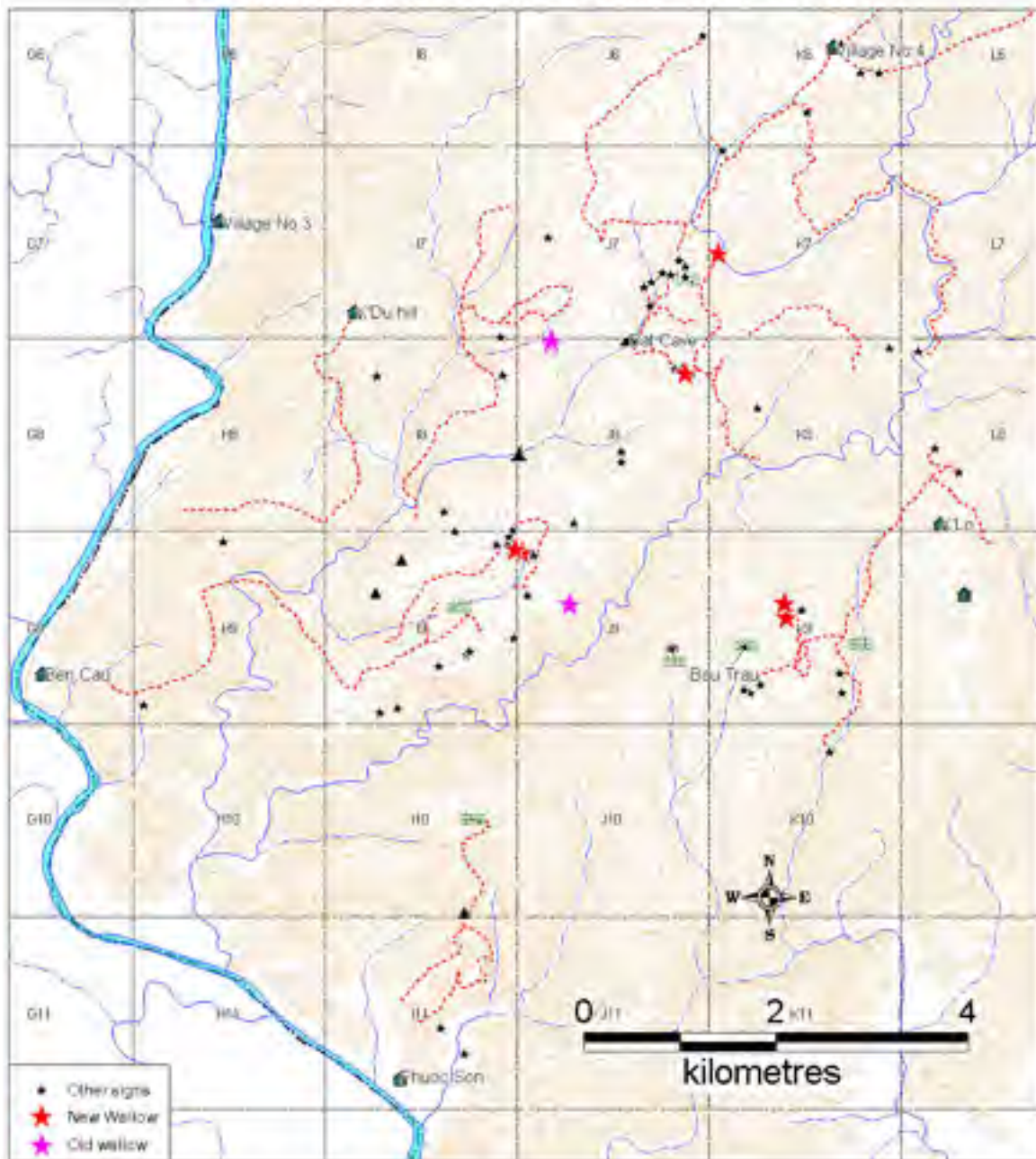
Tien Hoang group didn't find any wallow in the north of Bat Cave.

Among the 9 locations of wallow, 2 locations next together in the small stream and 1 location in the southeast of this stream are old wallows, the rest are new, about 1 – 4 days.

Map 3. DUNG SITES FOUND IN JUNE - JULY SURVEY



Map 4. WALLOW SITES FOUND IN JUNE - JULY SURVEY



III.4. Feeding signs:

Feeding signs of the rhino have been found in 10 locations:

- a) 4 locations are nearly at the same place, in the northeast of the Bat Cave, about 700-800 meters away from the cave (recorded by Tien Hoang group in 10th and 11th of July).
- b) 1 location in the southeast of the Bat Cave, about 500 meters away from the cave (new sign, recorded in 10th of July).
- c) 1 location at the beginning of Lua stream.
- d) 2 locations at the small hilltop near Bau Trau.
- e) 1 location in the southeast of Bau Trau, about 1 km away from this swamp (Trang May).
- f) 1 location near Da Toi stream.

Locations in b), c) and d) are new signs. New sign in location b has been recorded in 10th of July. Other new signs have been recorded from 23rd to 27th of July. All feeding sites in northeast of Bat Cave (location a) are old, at least 1 month.

It is obvious that the feeding sites are closely related to dung sites. All the sites with feeding sites are new also have new dung.

All the group also have collected 9 samples of foodplants.

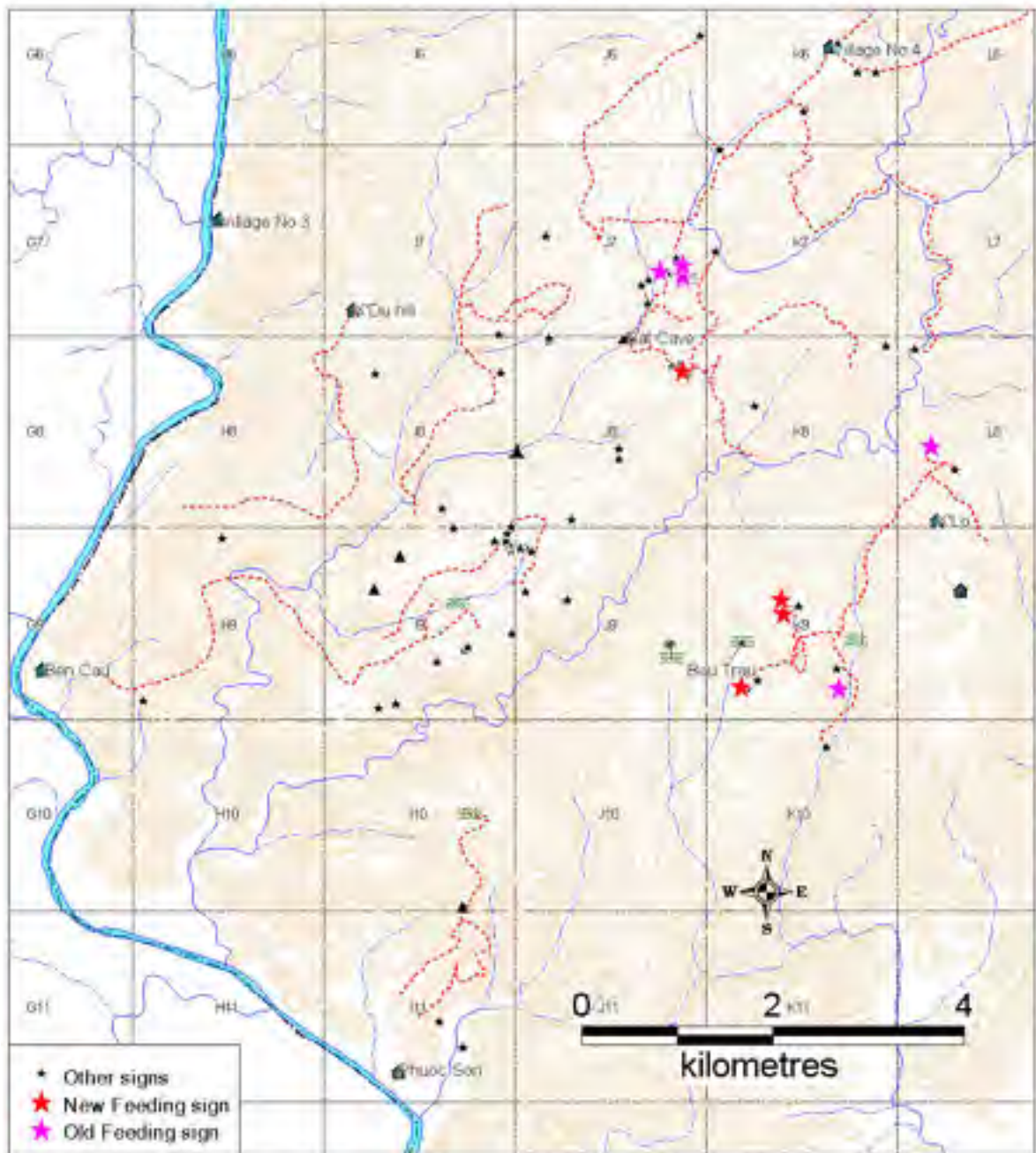
III.5. Scratches:

Scratches are usually created when the animal moving on the trails so they are found anywhere where the other signs are found.

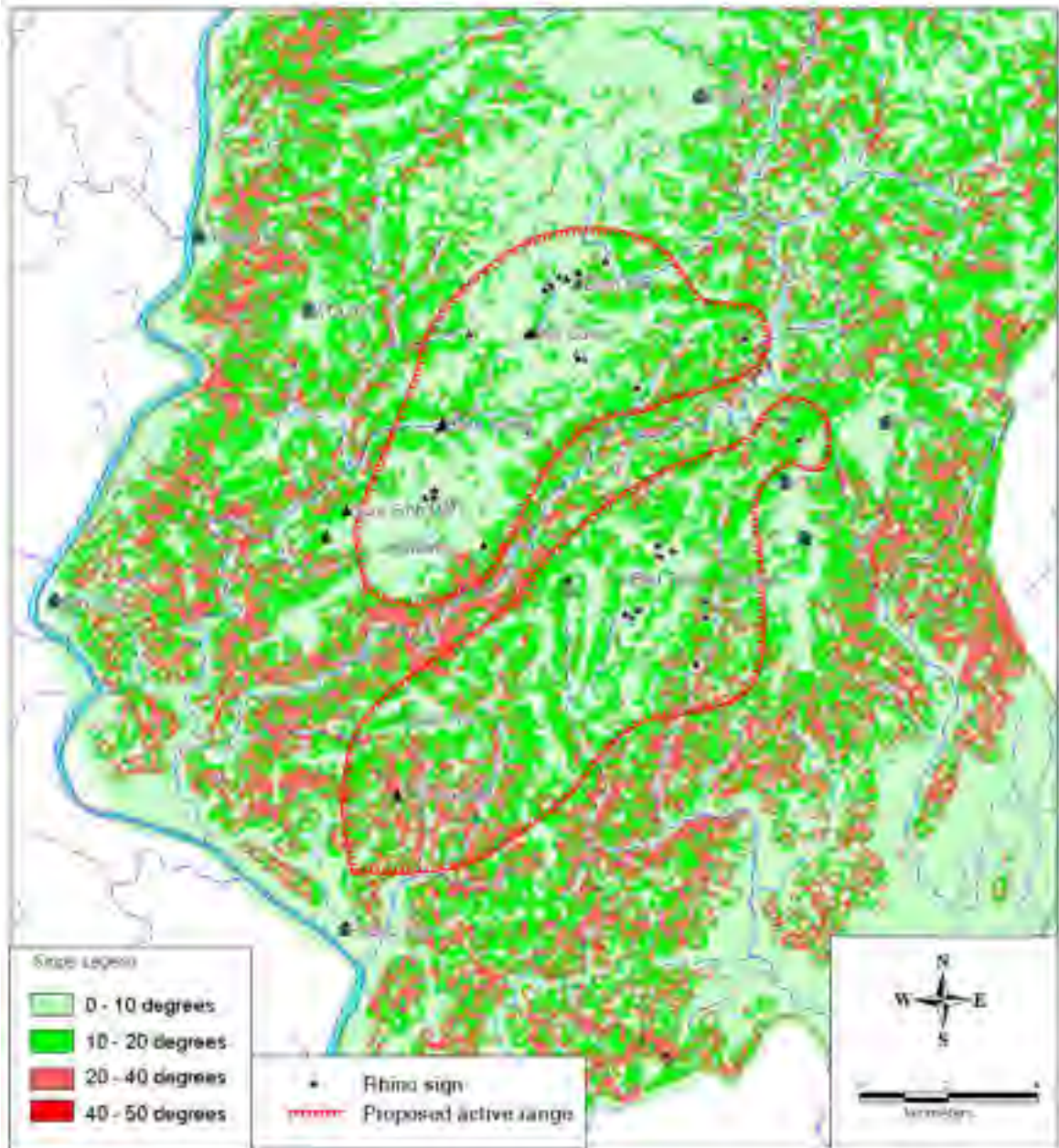
All different signs of rhino recorded in the survey show that the distribution of the species is only restricted to 2 sides of Da Toi stream which is a flat area and far away from human disturbance. Comparing with the slope (see map 6), it is clear that the species mainly distributes in areas with slope less than 10 degrees. In the northern part of Bat Cave, the landscape is similar to the known favorable terrain of the rhino but there is no sign. This is possibly because that area is too close to the agricultural land with many activities of human being there.

Also during this survey three group didn't find signs of rhino in Bau Chim area. As we already know, Bau Chim area is a main saltlick where the species come periodically to pick up some essential mineral for their lives. The survey time in June – July therefore is possibly not the period the species come to the saltlick.

Map 5. FEEDING SITES FOUND IN JUNE - JULY SURVEY



**MAP 6. PROPOSED ACTIVE RANGE OF THE JAVAN RHINO
IN COMPARISON WITH THE SLOPE**



III.6. Results about plasters and footprint measurements:

During the whole survey, 3 groups have made 11 plasters of footprints and 55 plasters of front hoof. They also made hundreds of measurements (see table 1). However, because of the status of the footprints and the structure of the substrate, the quality of the plasters are not so good.

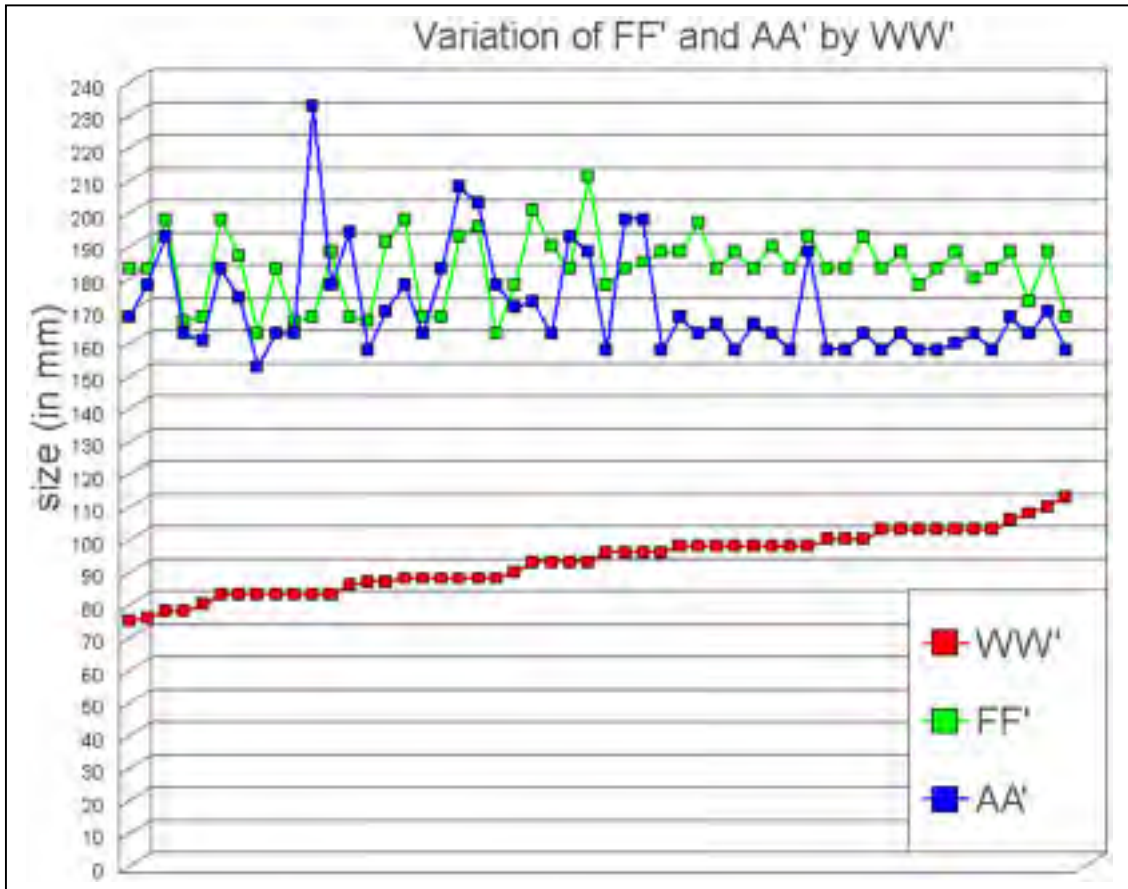
It is already known that the footprint of rhino in the field are very variable, depending on the substrate and the status of the signs. When considering the plasters of footprint and front hoof, we can see that they are very similar. (see figure 1). This proves that the number of rhino are not many and if there are several individuals they are all nearly the same size because the measurements are nearly equal. The measurements data shows that there are not difference in size among the individuals, or in other words, they are nearly the same size and therefore it likely that there is no sign of breeding.

Among the measurements which are made, the most stable measurements are front hoof width (WW'), footprint pad width (AA'). If we put the front hoof width as the comparing parameter and plot the other parameters versus this one, it is seen that when WW' increases, the other measurements are very variable. The three series are only stable when the front hoof width are in the range of 90 to 100mm. This proves that the measurements of other parameters can not be considered as highly confident. Looking at the graph (graph 1 and graph 2), the measurements in the range from 95 – 110mm could be considered as the real measurements of the animals because they are stable while outside this range the measurements are just the results of the changes created by environmental factors and they are very variable.

Tien Hoang group can not make any measurements because they are all very old. This also proves that the animal didn't go to the north of the Bat Cave, at least in the survey time.

Analysis of plasters of front hoofs (the richest data among different parameters of footprints) shows the same tendency like measurements. Front hoofs from plasters (Figure 1) are very similar in shape and size. Even though that they might look very different in plasters, the redrawing of those plasters based on measurements on plasters shows the very high similarity. The differences in plasters are just the effect of the different positions of front hoof in 3 dimensional view when the animal leaves the tracks on substrate. This effect gives the wrong feeling that there are many different individuals. Actually, redrawing of those plasters from their measurements provides the more accurate results than just looking at the plasters. The only difference recognized are the front hoof series in Bau Trau – Dac Lo area is slightly bigger than the series in Suoi Sinh – Bat Cave area and they are more quarish as pointed out in the first 6 month report.

Graph 1.



Graph 2.

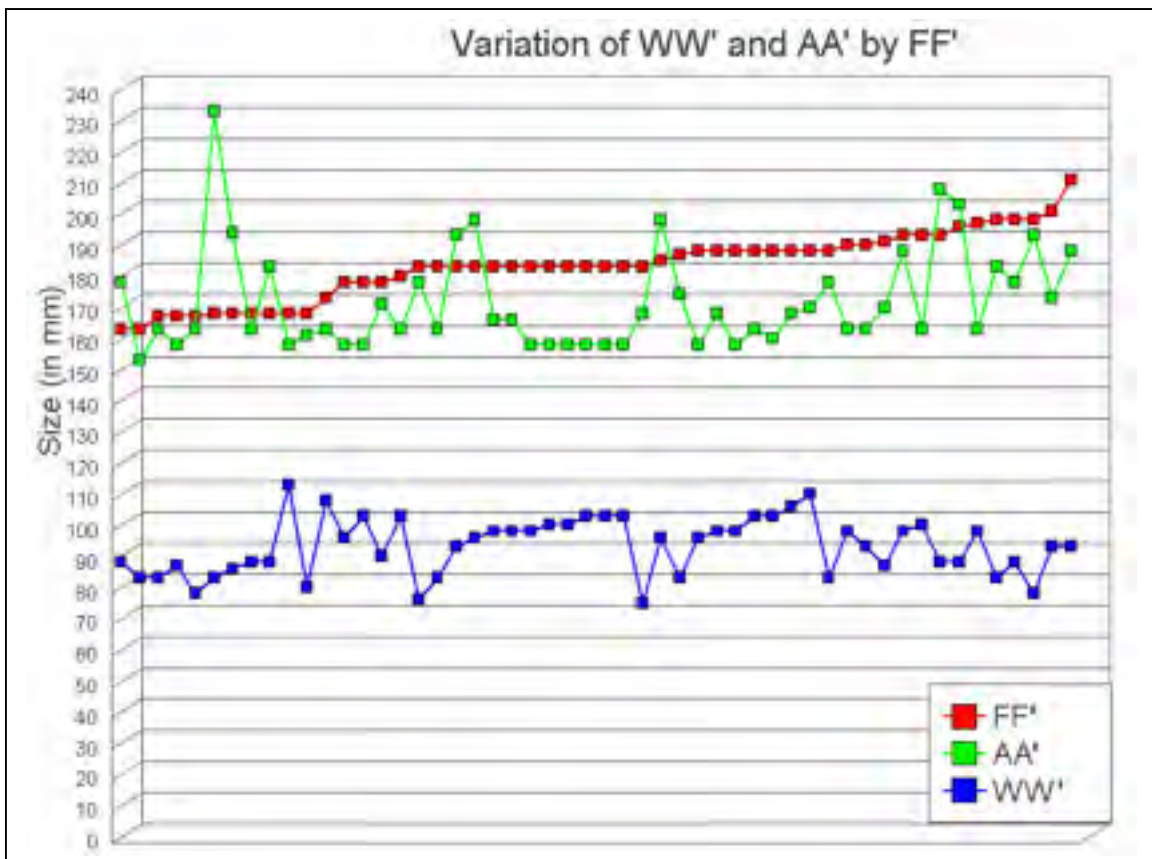
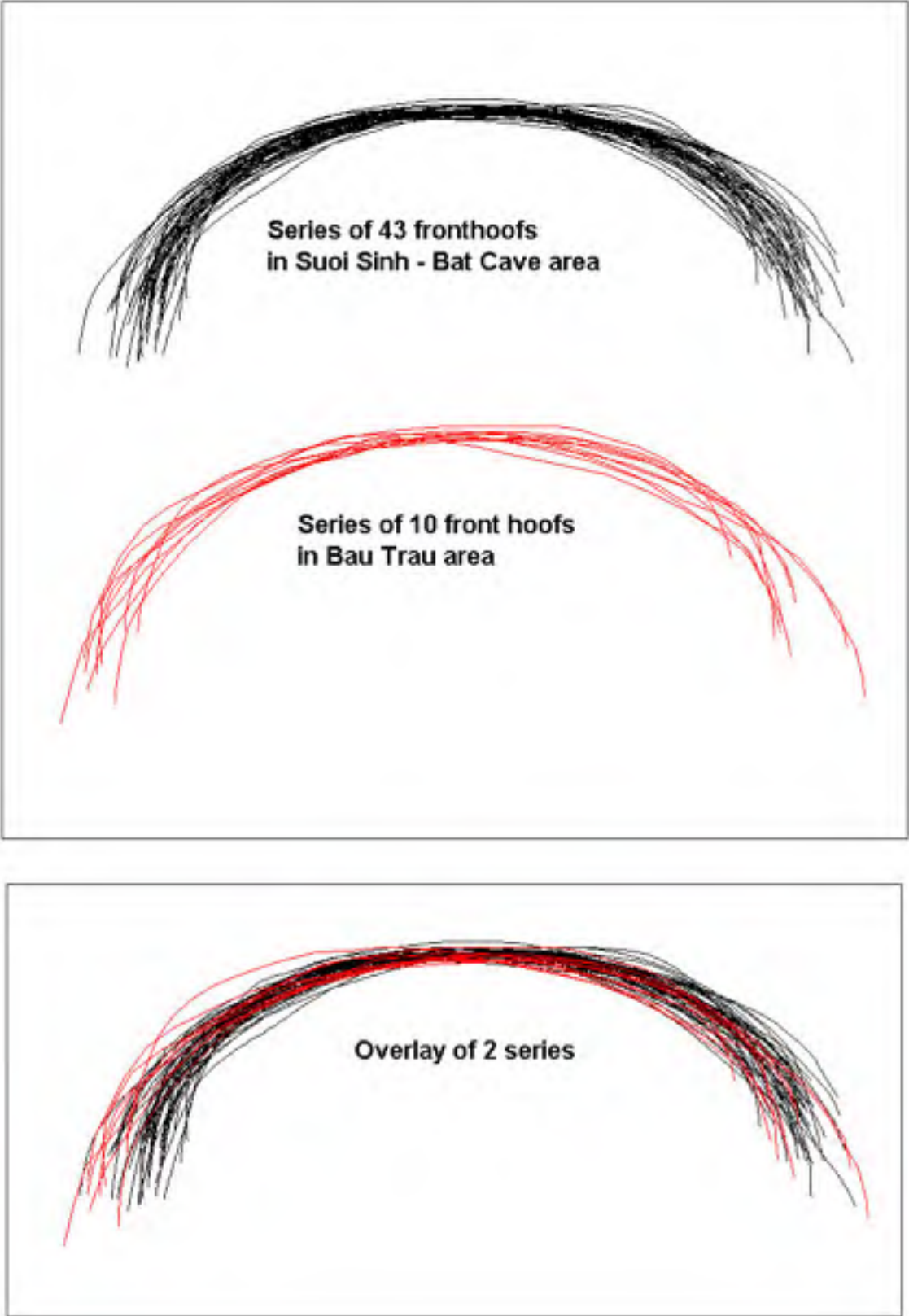


Figure 1. Comparisons between the two series of fronthoofs in Suoi Sinh – Bat Cave area and Bau Trau – Dac Lo area.



Considering all the information collected so far, it is possible to say that there is only 1 to 3 rhinos left in the region (see the first report). It is likely that there are only two left because the poor data collected in northern part of Bat Cave is possibly from the one living in Suoi Sinh area.

IV. Conclusions and Recommendations:

From the results collected those conclusions can be withdrawn:

1. The range of the species is only 3000 to 4000 hectares which distributes mainly along the main stream in the region (Da Toi stream).
2. The range of the rhino is highly limited by surrounding agricultural land. This also limits the range expanding of the species
3. The minimum number of rhino is one and maximum is three (see first report).
4. Activities of the species is highly disturbed by local people with surrounding agricultural land and even by the activities of the RPMUs themselves. As for this situation, limiting the number of people and duration of monthly survey is recommended.
5. The animal has known the activities of the phototraps set up by the RPMUs so setting up the phototraps to get photos versus disturbance for the species caused by those equipments should be considered. The effectiveness of this activity on this extremely sensitive species should also be considered because it seems that the animal knows how to stay away from the units too.
6. The area must be secured from outside the known range of the species to avoid the disturbance mentioned above.
7. The resettlement program for those local communes living around the range of the rhino should be carried out as soon as possible to expand the range and reduce the effects on the species.

Table 1. Footprint measurements in June – July survey

| <i>ID</i> | <i>Group</i> | <i>Date</i> | <i>WW'</i> | <i>FF'</i> | <i>FA'</i> | <i>F'A'</i> | <i>AA'</i> |
|-----------|--------------|-------------|------------|------------|------------|-------------|------------|
| 1 | GV | 7/9/2002 | 95 | 160 | | | |
| 2 | GV | 7/9/2002 | 90 | | 65 | | |
| 3 | GV | 7/9/2002 | 80 | | 60 | | |
| 4 | GV | 7/9/2002 | 90 | 175 | | | |
| 5 | GV | 7/9/2002 | 90 | 170 | | | |
| 6 | GV | 7/9/2002 | 85 | | 70 | | |
| 7 | GV | 7/9/2002 | 85 | | | | |
| 8 | GV | 7/9/2002 | 85 | | | | |
| 9 | GV | 7/9/2002 | 85 | 178 | | | |
| 10 | GV | 7/9/2002 | 85 | 170 | | | |
| 11 | GV | 7/9/2002 | | | | | |
| 12 | GV | 7/10/2002 | 85 | | 60 | | |
| 13 | GV | 7/10/2002 | 100 | | | | |
| 14 | GV | 7/10/2002 | 85 | 190 | 68 | 60 | 180 |
| 15 | GV | 7/10/2002 | 75 | | | | |
| 16 | GV | 7/10/2002 | 82 | | | | |
| 17 | GV | 7/10/2002 | 85 | 200 | 83 | 75 | 185 |
| 18 | GV | 7/10/2002 | 75 | | 65 | | |
| 19 | GV | 7/10/2002 | 80 | 169 | 54 | 55 | 165 |
| 20 | GV | 7/10/2002 | 73 | | 0 | 93 | |
| 21 | GV | 7/10/2002 | 88 | 170 | 58 | 67 | 196 |
| 22 | GV | 7/10/2002 | 87 | | | 70 | |
| 23 | GV | 7/10/2002 | 90 | | | | |
| 24 | GV | 7/10/2002 | 91 | | | | |
| 25 | GV | 7/10/2002 | 89 | 193 | 78 | 59 | 172 |
| 26 | GV | 7/10/2002 | 95 | 213 | 88 | 87 | 190 |
| 27 | GV | 7/10/2002 | 100 | | | | |
| 28 | GV | 7/10/2002 | 90 | | | | |
| 29 | GV | 7/10/2002 | 100 | 195 | 80 | 63 | 190 |
| 30 | GV | 7/10/2002 | 85 | | 80 | | |
| 31 | GV | 7/10/2002 | 85 | | 80 | | |
| 32 | GV | 7/10/2002 | 85 | | 81 | | |
| 33 | GV | 7/10/2002 | 79 | | 64 | | |
| 34 | GV | 7/10/2002 | 80 | | 76 | | |
| 35 | GV | 7/10/2002 | 85 | | 55 | | |
| 36 | GV | 7/10/2002 | 84 | | 85 | | |
| 37 | GV | 7/10/2002 | 85 | 189 | 67 | 87 | 176 |
| 38 | GV | 7/10/2002 | 85 | | | | |

| | | | | | | | | |
|----|----|-----------|-----|-----|----|----|--|-----|
| 39 | GV | 7/10/2002 | 90 | | | | | |
| 40 | GV | 7/10/2002 | 90 | 190 | | | | 180 |
| 41 | GV | 7/10/2002 | 85 | 165 | 55 | 82 | | 155 |
| 42 | GV | 7/10/2002 | 100 | 190 | | 85 | | |
| 43 | GV | 7/10/2002 | 88 | | | | | |
| 44 | GV | 7/10/2002 | 98 | | | 90 | | |
| 45 | GV | 7/10/2002 | 95 | 203 | 75 | 80 | | 175 |
| 46 | GV | 7/10/2002 | 85 | 185 | 65 | 70 | | 165 |
| 47 | GV | 7/12/2002 | 98 | | | | | |
| 48 | GV | 7/12/2002 | 80 | | | | | |
| 49 | GV | 7/12/2002 | 73 | | | | | |
| 50 | GV | 7/12/2002 | 77 | 185 | 70 | 73 | | 170 |
| 51 | GV | 7/12/2002 | 90 | | | | | |
| 52 | GV | 7/12/2002 | 85 | | 83 | | | |
| 53 | GV | 7/12/2002 | 90 | | | | | |
| 54 | GV | 7/12/2002 | 80 | | | | | |
| 55 | GV | 7/12/2002 | 83 | | | | | |
| 56 | GV | 7/12/2002 | 89 | 169 | 65 | 73 | | 160 |
| 57 | GV | 7/12/2002 | 90 | | | | | |
| 58 | GV | 7/12/2002 | 95 | | | | | |
| 59 | GV | 7/12/2002 | 78 | | | | | |
| 60 | GV | 7/12/2002 | 85 | | | | | |
| 61 | GV | 7/12/2002 | 85 | | | | | |
| 62 | GV | 7/12/2002 | 85 | | | | | |
| 63 | GV | 7/12/2002 | 95 | | | | | |
| 64 | GV | 7/12/2002 | 85 | 169 | 64 | 67 | | 165 |
| 65 | GV | 7/12/2002 | 90 | | | | | |
| 66 | GV | 7/12/2002 | 75 | | | | | |
| 67 | GV | 7/12/2002 | 82 | 170 | 65 | 55 | | 163 |
| 68 | GV | 7/12/2002 | 0 | | | | | |
| 69 | GV | 7/12/2002 | 90 | | | | | |
| 70 | GV | 7/12/2002 | 90 | | | | | |
| 71 | GV | 7/12/2002 | 85 | | | | | |
| 72 | GV | 7/12/2002 | 90 | | | 75 | | |
| 73 | GV | 7/12/2002 | 67 | | | 85 | | |
| 74 | GV | 7/12/2002 | 70 | | | 72 | | |
| 75 | GV | 7/12/2002 | 80 | | | | | |
| 76 | GV | 7/12/2002 | 100 | 199 | 90 | 85 | | 165 |
| 77 | GV | 7/12/2002 | 78 | | | | | |
| 78 | GV | 7/12/2002 | 85 | | | 80 | | |
| 79 | GV | 7/12/2002 | 85 | | | | | |
| 80 | GV | 7/12/2002 | 85 | | | | | |

| | | | | | | | |
|-----|----|-----------|-----|-----|----|----|-----|
| 81 | GV | 7/12/2002 | 85 | | | | |
| 82 | GV | 7/12/2002 | 85 | | | | |
| 83 | GV | 7/12/2002 | 90 | 200 | 75 | 75 | 180 |
| 84 | GV | 7/12/2002 | 78 | 185 | 50 | 62 | 180 |
| 85 | GV | 7/12/2002 | 90 | 170 | 55 | 58 | 165 |
| 86 | GV | 7/12/2002 | 95 | | | | |
| 87 | GV | 7/12/2002 | 85 | | | | |
| 88 | GV | 7/12/2002 | 78 | | | | |
| 89 | GV | 7/12/2002 | 92 | 180 | 55 | 73 | 173 |
| 90 | GV | 7/12/2002 | 85 | 170 | | | |
| 91 | PS | 7/15/2002 | 102 | 195 | 72 | 75 | 165 |
| 92 | PS | 7/15/2002 | 105 | 185 | 85 | 78 | 160 |
| 93 | PS | 7/15/2002 | 100 | 185 | 80 | 70 | 168 |
| 94 | PS | 7/15/2002 | 95 | 192 | 75 | 70 | 165 |
| 95 | PS | 7/15/2002 | 98 | 190 | 78 | 74 | 160 |
| 96 | PS | 7/15/2002 | 105 | 190 | 78 | 70 | 165 |
| 97 | PS | 7/15/2002 | 100 | 190 | 78 | 72 | 160 |
| 98 | PS | 7/15/2002 | 100 | 160 | | | |
| 99 | PS | 7/15/2002 | 96 | | | | |
| 100 | PS | 7/15/2002 | 98 | 180 | 78 | 80 | 160 |
| 101 | PS | 7/15/2002 | 100 | 185 | 78 | 80 | 168 |
| 102 | PS | 7/15/2002 | 105 | 0 | 0 | 0 | 0 |
| 103 | PS | 7/15/2002 | 108 | 190 | 72 | 75 | 170 |
| 104 | PS | 7/15/2002 | 110 | | | | |
| 105 | PS | 7/15/2002 | 112 | 190 | 80 | 84 | 172 |
| 106 | PS | 7/15/2002 | 100 | 192 | 78 | 80 | 165 |
| 107 | PS | 7/15/2002 | 100 | | | | |
| 108 | PS | 7/14/2002 | 100 | | 75 | | |
| 109 | PS | 7/14/2002 | 98 | | | | |
| 110 | PS | 7/14/2002 | 102 | 185 | 76 | 80 | 160 |
| 111 | PS | 7/14/2002 | 106 | 180 | | 79 | 160 |
| 112 | PS | 7/14/2002 | 110 | | | | |
| 113 | PS | 7/14/2002 | 105 | | | | |
| 114 | PS | 7/14/2002 | 105 | 180 | 75 | 75 | 160 |
| 115 | PS | 7/14/2002 | 110 | 175 | 75 | 75 | 165 |
| 116 | PS | 7/14/2002 | 105 | 185 | 70 | 76 | 160 |
| 117 | PS | 7/14/2002 | 105 | 190 | 73 | 72 | 162 |
| 118 | PS | 7/14/2002 | 105 | 182 | 73 | 70 | 165 |
| 119 | PS | 7/14/2002 | 100 | 185 | 65 | 72 | 160 |
| 120 | PS | 6/28/2002 | 105 | 185 | 80 | 95 | 160 |
| 121 | PS | 6/28/2002 | 102 | 185 | 87 | 70 | 160 |
| 122 | PS | 6/28/2002 | 115 | 170 | 80 | 85 | 160 |

| | | | | | | | |
|-----|----|-----------|-----|-----|----|----|-----|
| 123 | PS | 6/28/2002 | 100 | 190 | 90 | 90 | 170 |
| 124 | GV | 6/28/2002 | 100 | 170 | 70 | | |
| 125 | GV | 6/28/2002 | 105 | 180 | 70 | | |
| 126 | GV | 6/28/2002 | 100 | 200 | | 75 | |
| 127 | GV | 6/28/2002 | 95 | 200 | 75 | | |
| 128 | GV | 6/25/2002 | 90 | 165 | 60 | 60 | 180 |
| 129 | GV | 6/25/2002 | 90 | 170 | 60 | 60 | 185 |
| 130 | GV | 6/25/2002 | 85 | 170 | 65 | 65 | 235 |
| 131 | GV | 6/27/2002 | 100 | | | | |
| 132 | GV | 6/27/2002 | 80 | 195 | 60 | | |
| 133 | GV | 6/27/2002 | 95 | | 75 | | |
| 134 | GV | 6/27/2002 | 95 | 185 | 60 | 60 | 195 |
| 135 | GV | 6/27/2002 | 90 | 195 | 76 | 76 | 210 |
| 136 | GV | 6/27/2002 | 104 | | | | |
| 137 | GV | 6/27/2002 | 102 | | | | |
| 138 | GV | 6/27/2002 | 90 | 185 | | 60 | |
| 139 | GV | 6/27/2002 | 80 | 200 | 70 | 70 | 195 |
| 140 | GV | 6/26/2002 | 85 | | | | |
| 141 | GV | 6/26/2002 | 90 | | | | |
| 142 | GV | 6/26/2002 | 90 | | | | |
| 143 | GV | 6/26/2002 | 88 | | | | |
| 144 | GV | 6/26/2002 | 90 | | | | |
| 145 | GV | 6/26/2002 | 93 | | 65 | | |
| 146 | GV | 6/26/2002 | 80 | | | | |
| 147 | GV | 6/26/2002 | 72 | | | | |
| 148 | GV | 6/26/2002 | 90 | 198 | 65 | 68 | 205 |
| 149 | GV | 6/26/2002 | 98 | 185 | 65 | 65 | 200 |
| 150 | GV | 6/26/2002 | 8 | 187 | 55 | 55 | 200 |

