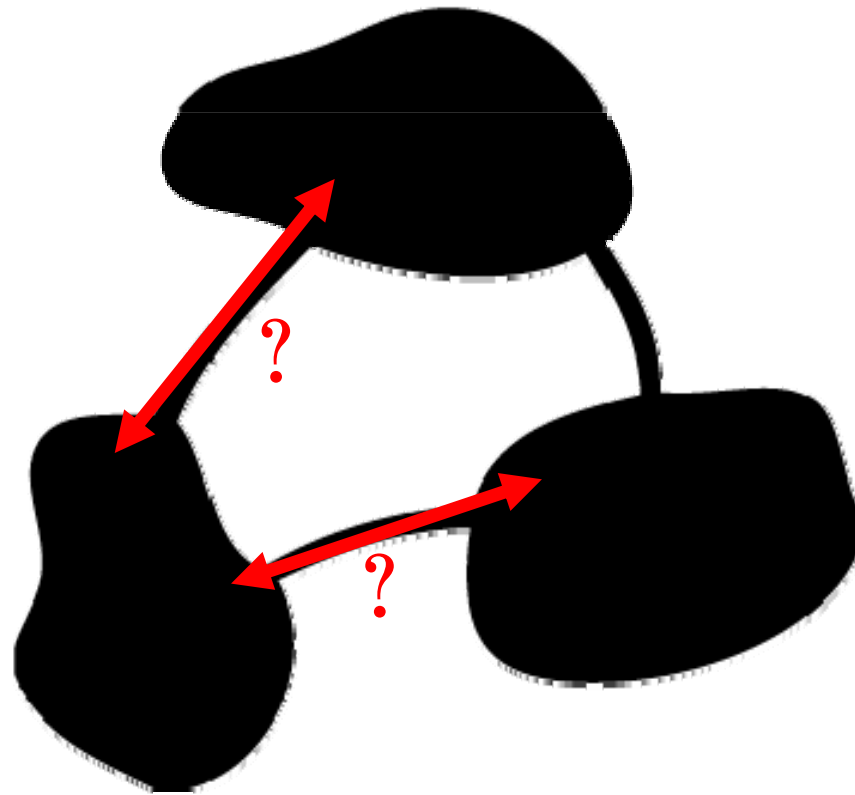


# Prioritizing: which potential linkages need detailed plans?

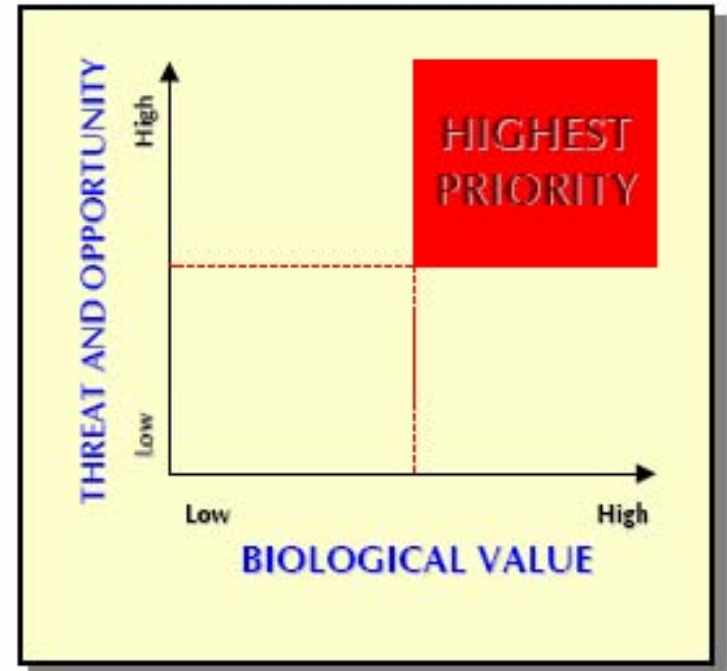


- \* An issue where stakeholders are more important than the GIS analyst, but both work together.

# Prioritizing: which potential linkages need detailed plans?

## Biological importance

- size of the wildlands connected
- habitat quality in smaller wildland
- restorable habitat quality in the potential linkage



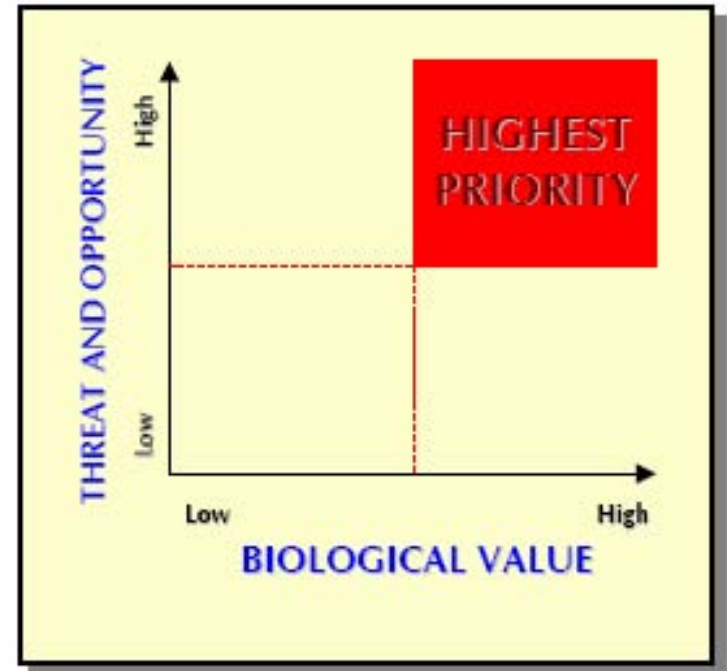
# Prioritizing: which potential linkages need detailed plans?

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## Threat and opportunity

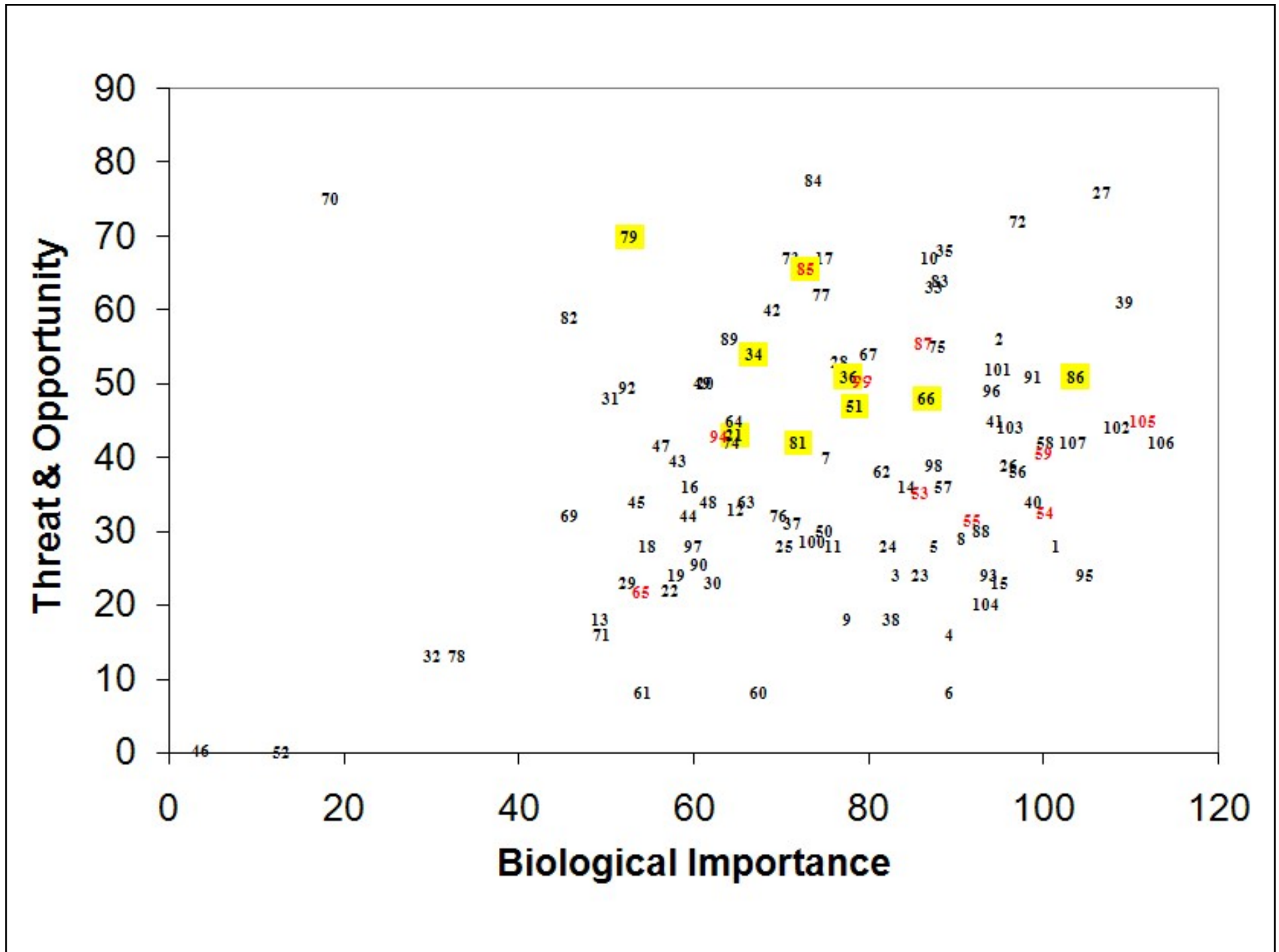
- Risk that roads or urbanization will sever the linkage if we do not act now.
- active conservation effort



# Interactive “live” scoring in spreadsheet.

SUM     $=H6*H\$3/100+I6*I\$3/100+J6*J\$3/100+K6*K\$3+L6*L\$3+O6*O\$3/100+P6*P\$3/100+Q6*Q\$3$

| 1  | ID# |        | HB1 Size Blocks | HB2 Quality of smaller block | HB3 Linkage-dependent spec. | L1 Seasonal migration corridor | L2 Aquatic linkage | L3A. Percent private land | L3B. Percent ASLD land | L3 Conservation ownership | L4 Special species WITHIN h | L5 Other linkages depend on | Biological Value | T1 Highway Threat | T2 Urbanization Threat | T3 Canal Threat | T4 railroad Threat | T5 Border Security Threat | Opp1 Linkage to Mexico or other State | Opp2A. In ADOT short-term (5-yr) plan | Opp2B. In ADOT long-term plan | Opp3. Active conservation effort/ willing landowner | Threat and Opportunity Total |
|----|-----|--------|-----------------|------------------------------|-----------------------------|--------------------------------|--------------------|---------------------------|------------------------|---------------------------|-----------------------------|-----------------------------|------------------|-------------------|------------------------|-----------------|--------------------|---------------------------|---------------------------------------|---------------------------------------|-------------------------------|---|------------------------------|
| 2  |     | Scale  | 0-100           | 0-100                        | 0-100                       | 0/1                            | 0/1                | 0-100                     | 0-100                  | 0-100                     | 0-100                       | 0-1                         |                  | 0-5               | 1-5                    | 1-5             | 1-5                | 1-5                       | 0-100                                 | 0/1                                   | 0/1                           | 0/1   |                              |
| 3  |     | Weight | 40              | 15                           | 10                          | 10                             | 10                 | 0                         | 0.3                    | 10                        | 10                          | 10                          | 115              | 10                | 10                     | 5               | 5                  | 10                        | 10                                    | 12                                    | 13                            | 20  | 95                           |
| 4  | 1   |        | 100             | 100                          | 100                         | 0                              | 1                  | 27                        | 14                     | 63.2                      | 100                         | 1                           | 101              | 5                 | 5                      | 0               | 0                  | 0                         | 80                                    | 0                                     | 0                             | 0   | 28                           |
| 5  | 2   |        | 75              | 100                          | 100                         | 0                              | 1                  | 0                         | 1                      | 99.3                      | 100                         | 1                           | 95               | 5                 | 3                      | 0               | 0                  | 0                         | 80                                    | 1                                     | 0                             | 1   | 56                           |
| 6  | 3   |        | 100             | 100                          | 70                          | 0                              | 1                  | 44                        | 28                     | 36.4                      | 75                          | 0                           | *QS3             | 4                 | 4                      | 0               | 0                  | 0                         | 80                                    | 0                                     | 0                             | 0   | 24                           |
| 7  | 4   |        | 100             | 100                          | 50                          | 1                              | 1                  | 0                         | 12                     | 91.6                      | 0                           | 0                           | 89               | 4                 | 0                      | 0               | 0                  | 0                         | 80                                    | 0                                     | 0                             | 0   | 16                           |
| 8  | 5   |        | 100             | 100                          | 50                          | 0                              | 1                  | 1                         | 0                      | 99                        | 75                          | 0                           | 87               | 4                 | 0                      | 0               | 0                  | 0                         | 0                                     | 0                                     | 0                             | 1   | 28                           |
| 9  | 6   |        | 100             | 100                          | 70                          | 1                              | 0                  | 2                         | 1                      | 97.3                      | 75                          | 0                           | 89               | 4                 | 0                      | 0               | 0                  | 0                         | 0                                     | 0                                     | 0                             | 0   | 8                            |
| 10 | 7   |        | 100             | 50                           | 0                           | 0                              | 1                  | 0                         | 0                      | 100                       | 75                          | 0                           | 75               | 3                 | 3                      | 0               | 0                  | 0                         | 80                                    | 0                                     | 0                             | 1   | 40                           |
| 11 | 8   |        | 100             | 70                           | 100                         | 0                              | 1                  | 0                         | 0                      | 100                       | 100                         | 0                           | 91               | 5                 | 4                      | 0               | 3                  | 0                         | 80                                    | 0                                     | 0                             |   | 29                           |
| 12 | 9   |        | 100             | 50                           | 50                          | 1                              | 0                  | 0                         | 0                      | 100                       | 50                          | 0                           | 78               | 3                 | 2                      | 0               | 0                  | 0                         | 80                                    | 0                                     | 0                             | 0   | 18                           |
| 13 | 10  |        | 100             | 100                          | 70                          | 0                              | 0                  | 0                         | 1                      | 99.3                      | 50                          | 1                           | 87               | 5                 | 0                      | 0               | 0                  | 2                         | 80                                    | 1                                     | 1                             | 1   | 67                           |
| 14 | 11  |        | 100             | 50                           | 100                         | 0                              | 0                  | 67                        | 33                     | 9.9                       | 75                          | 1                           | 76               | 5                 | 3                      | 0               | 4                  | 0                         | 80                                    | 0                                     | 0                             | 0   | 28                           |



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Threat and opportunity

- \* risk that roads or urbanization will sever linkage
- \* active conservation effort

The identity & weighting of the criteria is less important than stakeholder involvement in selecting & weighting them.

