"UID" = Unique ID of the point

"AnimalID" = Unique ID of the animal

"Herd" = Herd to which the animal belonged

"Date" = date used point was collected

"Used" = 1 for used, 0 for available

"d\_sr\_xx" = solar radiation at the xx m scale, not standardized

"i\_elev\_xx" = elevation at the 100m scale, not standardized

"paf\_30" = forest cover = 1

"pag\_30" = grassland cover = 1

"pas\_30" = shrub cover = 1

"sec\_a" = security habitat definition a (see appendix B)

"sec\_b" = security habitat definition b (see appendix B)

"sec\_c" = security habitat definition c (see appendix B)

"sec\_d" = security habitat definition d (see appendix B)

"sec\_e" = security habitat definition e (see appendix B)

"sec\_f" = security habitat definition f (see appendix B)

"sec\_g" = security habitat definition g (see appendix B)

"sec\_h" = security habitat definition h (see appendix B)

"sec\_i" = security habitat definition i (see appendix B)

"x\_denar\_xx" = density of all roads at the xx m scale, not standardized

"x\_denor\_xx" = density of open roads at the xx m scale, not standardized

"x\_slp\_xx" = slope at the xx m scale, not standardized

"year" = year the data was collected

"i\_bitt1k" = Bitterroot nutrition model at the 1000 m scale, not standardized

"pi\_ampxx" = NDVI amplitude at the xx m scale, not standardized

"pi\_tinxx" = Time-integrated NDVI value at the xx m scale, not standardized

"px\_bluexx" = Blue mountains nutrition model at the xx m scale, not standardized

"d\_sr\_xx\_ps" = ln(d\_sr\_xx +0.001)

"i\_elev\_xx\_ps" = ln(i\_elev\_xx +0.001

"x\_denar\_xx\_ps" = ln(x\_denar\_xx +0.001)

"x\_denor\_xx\_ps" = ln(x\_denor\_xx +0.001)

"x\_slp\_100\_ps" = ln(x\_slp\_xx + 0.001)

"i\_bitt1k\_ps" = ln(i\_bitt1k +0.001)

"pi\_ampxx\_ps" = ln(pi\_ampxx + 0.001)

"pi\_tinxx\_ps" = ln(pi\_tinxx + 0.001)

"px\_bluexx\_ps" = ln(px\_bluexx + 0.001)

"denar\_xx" = standardized x\_denar\_xx

"denar\_xx\_ps" = standardized x\_denar\_xx\_ps

"denor\_xx" = standardized x\_denor\_xx

"denor\_xx\_ps" = standardized x\_denor\_xx\_ps

"sr\_xx" = standardized d\_sr\_xx

"sr\_xx\_ps" = standardized d\_sr\_xx\_ps

"elev\_xx" = standardized i\_elev\_xx

"elev\_xx\_ps" = standardized i\_elev\_xx\_ps

"slp\_xx" = standardized x\_slp\_xx

 "slp\_xx\_ps" =standardized x\_slp\_xx\_ps

"bitt\_1k" = standardized i\_bitt\_1k

"bitt\_1k\_ps" = standardized i\_bitt\_1k\_ps

"amp\_xx" = standardized pi\_amp\_xx

"amp\_xx\_ps" = standardized pi\_amp\_xx\_ps

"tin\_xx" = standardized pi\_tin\_xx

"tin\_xx\_ps" = standardized pi\_tin\_xx\_ps

"blue\_xx" = standardized px\_blue\_xx

"blue\_xx\_ps" = standardized px\_blue\_xx\_ps "blue\_250\_ps"

"sr\_xx\_sq" = sr\_100^2

"elev\_xx\_sq" = elev\_xx^2

"slp\_xx\_sq" = slp\_xx^2

"herd\_year" = combination of the herd and year variables, if applicable