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1) In a group of animals where males participate in high levels of parental care (almost all post-partum) and resources that the species needs fall in a clumped or patchy distribution, what type of mating system is likely to arise

- a. polygynandry
- b. promiscuity
- c. polyandry
- d. polygyny

2) The classification of polygynandry and promiscuity depends on the level of social structure in the community of conspecifics.

Select one: True/ False

3) Match the following terms or descriptions with their most associated mating system.

a) established social systems, biparental care and resources in uniform distribution

Choose: resource defense polygyny/ monogamy/ male dominance polygyny/ polygynandry/ polyandry/ promiscuity

b) biparental care and resources in uniform distribution

Choose: resource defense polygyny/ monogamy/ male dominance polygyny/ polygynandry/ polyandry/ promiscuity

c) biparental care

Choose: resource defense polygyny/ monogamy/ male dominance polygyny/ polygynandry/ polyandry/ promiscuity

d) leks

Choose: resource defense polygyny/ monogamy/ male dominance polygyny/ polygynandry/ polyandry/ promiscuity

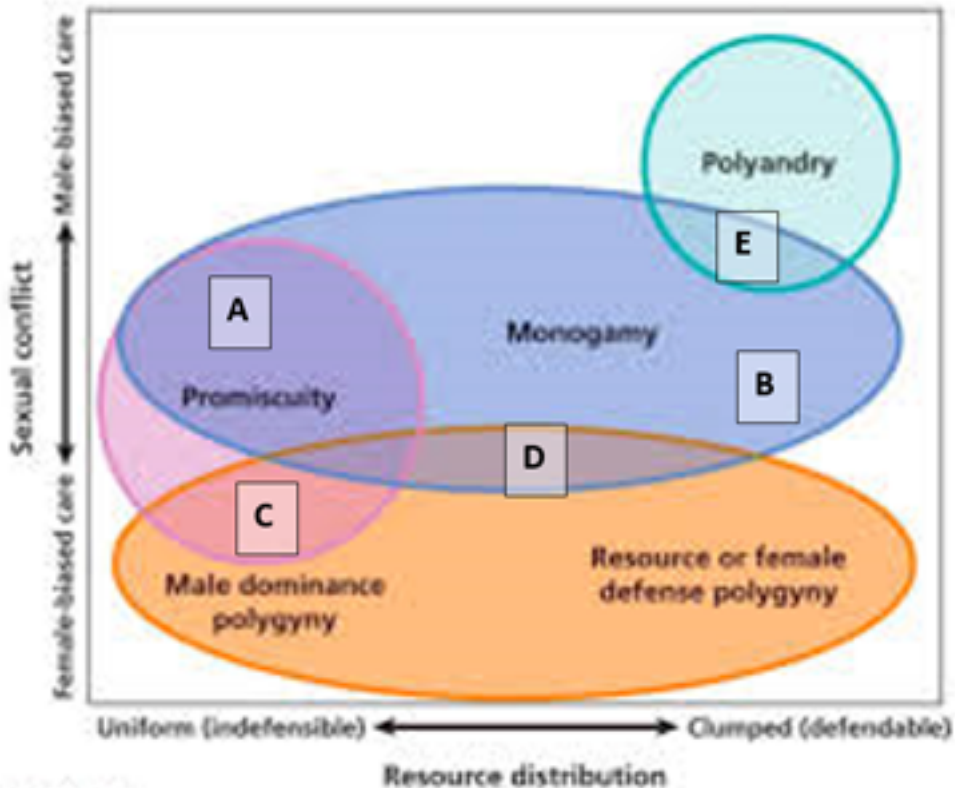
e) mate guarding

Choose: resource defense polygyny/ monogamy/ male dominance polygyny/ polygynandry/ polyandry/ promiscuity

f) sex-role reversal

Choose: resource defense polygyny/ monogamy/ male dominance polygyny/ polygynandry/ polyandry/ promiscuity

4) In which of the following regions might we expect the perception of monogamy but a high frequency of extra-pair couples. Select the best possible region for this to occur.



- a.C
- b.B
- c.E
- d.D
- e.A

5) Which of the following are types of alternative mating tactics based on the traditional secondary selection traits?

- a.fighting
- b.dancing
- c.sneaking or unannounced fertilization attempts
- d.leks and satellite males
- e.nuptial gifts



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