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RECENT ADVANCES IN BEHAVIORAL COMPARISONS BETWEEN WILD BONOBOS AND CHIMPANZEES.

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Recent progress in studies of wild bonobos at various study sites allows us to perform behavioral comparisons of bonobos with chimpanzees under natural conditions. In this symposium, we clarify various kinds of behavioral differences between the two species, mainly by using data collected for both species with the same methodologies. The first four papers deal with differences in ranging and feeding behaviors. Takemoto analyses differences in the use of forest strata for different categories of behaviors, probably resulting from differences in the vertical distribution of temperature between the habitats of the two species. Furuichi and others report differences in patterns of ranging and food-patch use between the two species. Mulavwa and others report how bonobos modify party size before sleeping in the evening and when starting ranging in the morning, and compare those results with reports on chimpanzees. Hashimoto and others compare ranging patterns of female chimpanzees and bonobos based on GPS data on ranging movements. The last three papers provide us with new insights on differences in the sociological features of the two species. Sakamaki reports differences in grooming partners between bonobos and chimpanzees especially focusing on the number of animals involved and pattern of turn taking. Izquierdo reports on frequent play behaviors involving adult bonobos and compare her findings with previous studies on wild chimpanzees. White and others use social and ranging data to examine why bonobos, unlike chimpanzees, do not commit infanticide or conduct lethal raiding.

Keywords: bonobo, chimpanzee, social behavior, ecology

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