

Project Update: July 2005

The ongoing population survey and habitat analysis of the Javan gibbon has been conducted at three other locations in Gunung Halimun National Park (GHNP), West Java during January through April 2005: 1) Cibereum (06o47.567' south longitude and 106o34.433' east longitude) at an elevation of 913 m above sea level (asl) and consisting of secondary forest {(the location first surveyed, Citarik (06o47.956' south longitude and 106o33.002' east longitude, 1178 m asl), consisted of primary forest)}; 2) Cisalimar (06o 45.361' south longitude and 106o33.622' east longitude) at the elevation of 936 m asl and represented by forest that borders an agricultural plantation (Citarik, Cibereum, and Cisalimar are in the area known as Leuwi Waluh Resort, Sukabumi, West Java), and 3) Cikaniki (06o44.798' south longitude and 106o 32.274' east longitude) which is part of an ecotourism area in the Cikaniki Resort, Bogor, West Java.

The same field procedures for the population survey and habitat analysis have been applied at all locations. Preliminary estimates of group density for the Javan Gibbon at the Cibereum area was 3.2 groups/km². The average group size was 2.3 animals (range: 1-4 animals) and population density was estimated at 7.3 individual/km². As was also the case at the Citarik area, three other primate species were identified at Cibereum area: the Ebony leaf monkey (*Trachypitecus auratus*), the Grizzled leaf monkey (*Presbytis comata*) and the Longtailed macaque (*Macaca fascicularis*).

Estimated group density of the Javan gibbon at the Cisalimar area was 3.6 groups/ km². The average group size was 1.9 animals (range: 1-3 animals). Population density was estimated 6.8 individual/km². At the Cikaniki area, the estimated group density was 3.1 groups/km². The average group size was 2.7 animals (range: 1-4 animals), and the population density was estimated 8.2 individual/km². Only two other primate species were observed during the survey at Cisalimar and Cikaniki area: the Ebony leaf monkey (*Trachypitecus auratus*), and the Grizzled leaf monkey (*Presbytis comata*).

Based on the data, the population density of the Javan gibbon at the primary forest area of Citarik is greater than at other locations, followed by the population at Cikaniki, Cibereum and Cisalimar. Vegetation samples that have been collected at Citarik, Cibereum, Cisalimar and Cikaniki are being analyzed at the Herbarium Bogoriense, in Bogor.

The second season of the project is already underway in the same four locations and will be completed during October 2005. Picture shows observer is taking notes during population survey.