# Additional file 1 Sources of gibbon comparative data for three response variables (home range, group size, mating system) by species and site (gibbon population).

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| --- | --- | --- | --- | --- | --- |
| **Species** | **Country** | **Site location** | **Home range reference(s)** | **Group size reference(s)** | **Mating system reference(s)** |
| *Hoolock hoolock* | Bangladesh | Lawachara National Park, West Bhanugach Reserve Forest, Maulavibazar | [1],[2] | [1],[2] | [1],[2] |
| *Hoolock hoolock* | India | Bherjan Borajan Padumoni Wildlife Sanctuary, Assam | Jayanta Das (pers. comm., April 2013) | Jayanta Das (pers. comm., April 2013) | Jayanta Das (pers. comm., April 2013) |
| *Hoolock hoolock* | India | Dehing Patkai Wildlife Sanctuary, Assam | Jihosuo Biswas (pers. comm., June 2013) | [3], Jihosuo Biswas (pers. comm., June 2013) | Jihosuo Biswas (pers. comm., June 2013) |
| *Hoolock leuconedys* | India | Mehao Wildlife Sanctuary, Arunachal Pradesh | Jihosuo Biswas (pers. comm., June 2013) | [3], Jihosuo Biswas (pers. comm., June 2013) | Jihosuo Biswas (pers. comm., June 2013) |
| *Hoolock leuconedys* | China | Nankang Park, Gaoligongshan Nature Reserve, Yunnan | [4] | [5] | [3],[5] |
| *Hoolock leuconedys* | Myanmar | Mahamyaing wildlife sanctuary, Sagaing Division | [6] | [6] | [6] |
| *Hylobates abbotti* | Malaysia | Lanjak Entimau Wildlife Sanctuary, Sarawak | [7] | [7] | [3],[7] |
| *Hylobates agilis* | Malaysia | Sungai Dal, Gunong Bubu Forest Reserve, Malay Peninsular | [8],[9] | [8],[10] | [8],[9] |
| *Hylobates agilis* | Indonesia | Kulai Tanang, Kerinci Seblat National Park, Jambi, Sumatra | [11] | [11] | [11] |
| *Hylobates agilis* | Indonesia | Way Canguk Research Area, Bukit Barisan Selatan National Park, Lampung Province | Alice Elder (pers. comm., April 2013) | Alice Elder (pers. comm., April 2013) | Alice Elder (pers. comm., April 2013) |
| *Hylobates albibarbis* | Indonesia | Gunung Palung National Park, West Kalimantan | Andrew Marshall (pers. comm., April 2013) | [12], Andrew Marshall (pers. comm., April 2013) | [3], Andrew Marshall (pers. comm., April 2013) |
| *Hylobates albibarbis* | Indonesia | Sabangau, Central Kalimantan | Susan Cheyne (pers. comm., April 2013) | [13], Susan Cheyne (pers. comm., April 2013) | [3], Susan Cheyne (pers. comm., April 2013) |
| *Hylobates funereus* | Indonesia | Kutai, Kalimantan | [14] | [10] | [14] |
| *Hylobates funereus* | Indonesia | Kayan Mentarang National Park, Kalimantan | [15] | [15] | [3] |
| *Hylobates klossii* | Indonesia | Paitan River area, Siberut Island, West Sumatra | [16] | [3],[10],[16] | [3] |
| *Hylobates klossii* | Indonesia | Pungut Field Station, Peleonan Forest, Siberut, West Sumatra | Marcel Quinten (pers. comm., April 2013) | [17],[18] | Marcel Quinten (pers. comm., April 2013) |
| *Hylobates lar* | Malaysia | Tanjong Triang, Johore | [10] | [10] | [19] |
| *Hylobates lar* | Malaysia | Kuala Lompat, Krau Game Reserve, Pahang | [14] | [10] | [20] |
| *Hylobates lar* | Thailand | Khlong Sai study site, Khao Yai National Park, Nakhon Nayok | [21] | Warren Brockelman (pers. comm., June 2013) | [21] |
| *Hylobates lar* | Thailand | Mo Singto site, Khao Yai National Park, Nakhon Nayok | [22] | Warren Brockelman (pers. comm., June 2013), Ulrich Reichard (pers. comm., April 2013) | [3],[23], Warren Brockelman (pers. comm., June 2013) |
| *Hylobates moloch* | Indonesia | Gunung Halimun-Salak National Park, West Java | [24] | [24] | Sanha Kim (pers. comm., April 2013) |
| *Hylobates moloch* | Indonesia | Cagar Alam Leuweung Sancang Nature Reserve, Java | [25],[26] | [25],[26] | [26] |
| *Hylobates moloch* | Indonesia | Turalak, Ujung Kulou, Java | [14],[27] | [14],[27] | [3] |
| *Hylobates moloch* | Indonesia | Sokokembang forest, Central Java | Arif Setiawan (pers. comm., April 2013) | Arif Setiawan (pers. comm., April 2013) | Arif Setiawan (pers. comm., April 2013) |
| *Hylobates muelleri* | Indonesia | Sungai Wain Protection Forest, Balikpapan, East Kalimantan | Vincent Nijman (pers. comm., April 2013) | [28], Vincent Nijman (pers. comm., April 2013) | Susan Cheyne (pers. comm., April 2013), Vincent Nijman (pers. comm., April 2013) |
| *Hylobates pileatus* | Thailand | Khlong Sai study site, Khao Yai National Park, Nakhon Nayok | [21] | Warren Brockelman (pers. comm., June 2013) | [3],[21] |
| *Hylobates pileatus* | Thailand | Khao Ang Rue Nai Wildlife Sanctuary, Chachoengsao Province | Rungnapa Phoonjampa (pers. comm., April 2013) | [29], Rungnapa Phoonjampa (pers. comm., April 2013) | Rungnapa Phoonjampa (pers. comm., April 2013) |
| *Hylobates pileatus* | Thailand | Khao Soi Dai, Khao Khitchakut District | [30] | [10],[31] | [23],[30] |
| *Nomascus annamensis* | Cambodia | Veun Sai-Siem Pang Conservation Area, Stung Treng and Ratanakiri Province | Ben Rawson (pers. comm., April 2013) | Ben Rawson (pers. comm., April 2013) | Ben Rawson (pers. comm., April 2013) |
| *Nomascus concolor* | China | Dazhaizi, Wuliang Mt., Jingdong County, Yunnan | [32],[33], Fan Peng Fei (pers. comm., April 2013) | [34], Fan Peng Fei (pers. comm., April 2012) | [32],[33],[35], Fan Peng Fei (pers. comm., April 2013) |
| *Nomascus concolor* | China | Xiaobahe, Wuliang Mt., Zhenyuan County, Yunnan | [36] | [36],[37] | [35],[36],[38-40] |
| *Nomascus gabriellae* | Vietnam | Cat Tien National Park, Dong Nao | Marina Kenyon (pers. comm., April 2013) | Marina Kenyon (pers. comm., April 2013) | Marina Kenyon (pers. comm., April 2013) |
| *Nomascus hainanus* | China | Bawangling National Nature Reserve, Baisha and Changjiang, Hainan | [41],[42] | [41-43] | [40-42],[44-46] |
| *Nomascus leucogenys* | Laos | Nam Kading National Protected Area, Bolikhamxay Province | Julia Ruppell (pers. comm., April 2013 ) | Julia Ruppell (pers. comm., April 2013) | Julia Ruppell (pers. comm., April 2013) |
| *Nomascus nasutus* | China | Bangliang, Jingxi County, Guangxi | [3],[47], Fan Peng Fei (pers. comm., April 2013) | Fan Peng Fei (pers. comm., April 2013) | [48], Fan Peng Fei (pers. comm., April 2013) |
| *Nomascus siki* | Laos | Nam Kading National Protected Area, Bolikhamxay Province | [7] | Chris Hallam (pers. comm., April 2013) | Chris Hallam (pers. comm., April 2013) |
| *Symphalangus syndactylus* | Malaysia | Kuala Lompat, Krau Game Reserve, Pahang | [20] | [49] | [49] |
| *Symphalangus syndactylus* | Indonesia | Kulai Tanang, Kerinci Seblat National Park, Jambi, Sumatra | [11] | [11] | [11] |
| *Symphalangus syndactylus* | Indonesia | Way Canguk Research Station, Lampung Province, Sumatra | Susan Lappan (pers. comm., April 2013) | [50], Susan Lappan (pers. comm., April 2013) | Tim O'Brien (pers. comm., April 2013), Susan Lappan (pers. comm., April 2013) |

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