References for Seed Dispersal of Eight Different Species of *Pinus* plants

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **References from English Journal** | | | | | | | |
| ***Pinus armandii*** | | | | | | | |
| Number | Sources | Year | Title | Journal | Country | Location | Taxa |
| 1 | Chen and Chen, 2011 | 2007 | Dispersal syndrome differentiation of *Pinus armandii* in Southwest China: Key elements of a potential selection mosaic | Acta Oecologica | China | Yunnan Province | *Pinus armandii*,  Roden  Nutcrackers |
| 2 | Wang et al., 2012 | 2005-2006 | Scatter-hoarding rodents use different foraging strategies for seeds from different plant species | Plant Ecology | China | Shangri-la Alpine Botanical Garden, Yunnan Province | Pinus armandii  Rodent |
| 3 | Yu et al., 2014 | 2012 | Does Animal-Mediated Seed Dispersal Facilitate the Formation of *Pinus armandii*-*Quercus aliena* var. acuteserrata Forests? | PLoS ONE | China | Qinling Mountains, Luonan County, Shaanxi  Province | *Pnius armandii*  *Quercus aliena*  Rodents |
| 4 | Yu et al., 2014 | 2012 | Seed predation patterns favor the regeneration of dominant species in forest gaps compared with the understory in an oak-pine mixed forest | Acta Theriologica | China | Qinling Mountains, Luonan County, Shaanxi Province | *Pinus armandii*  *Quercus aliena*  Rodents |
| 5 | Wang et al., 2017 | 2012-2014 | Tree-to-tree variation in seed size and its consequences for seed dispersal versus predation by rodents | Oecologica | China | Shangri-la Alpine Botanical Garden, Yunnan Province | *Pinus armandii*  Rodent |
| 6 | Yu et al., 2018 | 2015 | Rodent-Mediated Seed Dispersal Shapes Species Composition and Recruitment Dynamics in Ecotones | Frontiers in Plant Science | China | Qinling Mountains in Shaanxi Province | *Pnius armandii*  *Quercus aliena*  Rodents |
| ***Pinus pumila*** | | | | | | | |
| Number | Sources | Year | Title | Journal | Country | Location | Taxa |
| 7 | Kajimoto et al., 1998 | 1994-1996 | Seedling Establishment of Subalpine Stone Pine (*Pinus pumila*) by Nutcracker (*Nucifraga*) Seed Dispersal on Mt. Yumori, Northern Japan | Arctic and Alpine Research | Japan | Ohu Mountain of northern Japan | *Pinus pumila*  Nutcrackers |
| 8 | Kajimoto, 2002 | 1994-2000 | Factors affecting seedling recruitment and survivorship of the Japanese subalpine stone pine, *Pinus pumila*, after seed dispersal by nutcrackers | Ecological Research | Japan | Ohu Mountain of northern Japan | *Pinus pumila*  Nutcrackers |
| ***Pinus koraiensis*** | | | | | | | |
| Number | Sources | Year | Title | Journal | Country | Location | Taxa |
| 9 | Miyaki, 1987 | 1978-1980 | Seed Dispersal of the Korean Pine, *Pinus koraiensis*, by the Red Squirrel, Sciurus vulgaris | Ecological research | Japan | Hokkaido | *Pinus koraiensis*  Rodents |
| 10 | Hayashida, 1989 | 1981-1985 | Seed Dispersal by Red Squirrels and Subsequent Establishment of Korean Pine | Forest Ecology and Management | Japan | Hokkaido | *Pinus koraiensis*  Rodents |
| 11 | Hutchins et al., 1995 | Unmarked | The role of birds and mammals in Korean pine (*Pinus koraiensis*) regeneration dynamic | Oecologia | China | Liangshui nature reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents  Corvids |
| 12 | Yang et al., 2012 | 2007 | The effects of kernel mass and nutrition reward on seed dispersal of three tree species by small rodents | Acta Ethologica | China | Dongfanghong Forestry Centre, Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 13 | Liu et al., 2013 | 2007-2009 | Effects of disperser abundance, seed type, and interspecific seed availability on dispersal distance | Acta Theriologica | China | Dongfanghong Forestry Centre, Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 14 | Rong et al., 2013 | 2007-2011 | Food Availability and Animal Space Use Both Determine Cache Density of Eurasian Red Squirrels | PLoS ONE | China | Liangshui National Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 15 | Yi et al., 2015 | 2010 | Seed trait and rodent species determine seed dispersal and predation: evidences from semi-natural enclosures | iForest | China | Dongfanghong Forestry Centre, Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 16 | Yi et al., 2016 | 2015 | Short-term acute nitrogen deposition alters the interaction between Korean pine seeds and food hoarding rodents | Forest Ecology and Management | China | Liaoning Province | *Pinus koraiensis*  Rodents |
| 17 | Yi et al., 2016 | 2014 | Weak olfaction increases seed scatter-hoarding by Siberian chipmunks: implication in shaping plant-animal interactions | Oikos | China | Dongfanghong Forestry Centre, Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 18 | Li et al., 2018 | 2015-2016 | Scatter-hoarding the seeds of sympatric forest trees by *Apodemus peninsulae* in a temperate forest in northeast China | Polish Journal of Ecology | China | Zhang Guangcai Mountains in Heilongjiang province | *Pinus koraiensis*  Rodents |
| **References from Chinese Journal, Thesis or Conference paper** | | | | | | | |
| ***Pinus koraiensis*** | | | | | | | |
| Number | Sources | Year | Title | Journal | Country | Location | Taxa |
| 1 | Zhao, 1988 | Unmarked | Study on the Regular Pattern and Ways of Korean pine Seed Spreading by *Nucifrage crayocatactes* | Journal of Hebei Agricultural University | China | Xiao Hinggan Mountains in Heilongjiang Province | *Pinus koraiensis*  Nutcrackers |
| 2 | Lu et al., 2001 | 1994-1998 | Foraging and Dispersing of Korean Pine Seed by Animals in Broad-leaved Korean Pine Forest | Journal of Northeast Forestry University | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents  Nutcrackers |
| 3 | Lu, 2002 | 1994-1998 | Hoarding behavior of Nutcrackers and its effect on seed dispersal of Korean pine | Acta Zoologica Sinica | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents  Nutcrackers |
| 4 | Lu, 2003 | 2003 | Review on the study of relationship between natural regeneration of Korean Pine and animals | Chinese Journal of Ecology | China | - | *Pinus koraiensis*  Rodents  Nutcrackers |
| 5 | Li, 2005 | 2004-2005 | Recovering Caches of Squirrels (*Sciurus vigaris*) and Its Effect on Natural Regeneration of Korean pine (Pinus koraiensis) in Liangshui Natural Researve | Thesis-Northeast Forestry University | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 6 | Ma et al., 2005 | 2003-2004 | Hoarding Behavior of Squirrels and Dispersant of Korean Pine Seeds | Coference Paper-The second National Symposium on Wildlife Ecology and Resource Conservation | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 7 | Lu, 2006 | 2006 | Roles of animals in seed dispersal of Pinus: A review | Chinese Journal of Ecology | China | - | *Pinus* plants  Animals |
| 8 | Zong, 2008 | 2003, 2005-2007 | Predation and Hoarding on Korean pine (*Pinus Koraiensis*) seeds by Scatter-hoarding Animals in Liangshui Nature Reserve | Thesis-Northeast Forestry University | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents  Nutcrackers |
| 9 | Rong, 2009 | 2007-2009 | Overwintering strategies of Eurasian Red squirrels (Sciurus vulgairs) and ite effects on natural regeneration of Korean pine | Thesis-Northeast Forestry University | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 10 | Tong and Li, 2011 | 2003-2005 | Feeding on Korean Pine Seeds and Effects of Seed Hoarding on Korean Pines in Liangshui Nature Reserve | Chinese Journal of Wildlife | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents  Birds |
| 11 | Liu et al., 2015 | 2011-2014 | Population Dynamics of Siberian Chipmunk in the Broad-Leaved and Korean Pine Mixed Forest | Chinese Journal of Wildlife | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents |
| 12 | Nie et al., 2015 | 2013-2014 | Larder Hoarding Behavior and Burrow Characteristic of Siberian Chipmunk | Chinese Journal of Wildlife | China | Liangshui Nature Reserve in Heilongjiang Province | *Pinus koraiensis*  Rodents |
| ***Pinus armandii*** | | | | | | | |
| Number | Sources | Year | Title | Journal | Country | Location | Taxa |
| 13 | Wang and Yang, 2007 | 2004 | Seed predation of *Apodemus latronum* on 18 Plant Species in Northwest Yunnan | Zoological Research | China | Diqingzhou in Yunnan Province | *Pinus armandii* *Apodemus latronum* |
| 14 | Chen 2009 | 2006-2007 | The geographic mosaic of selection on cone and seed traits of *Pinus armandii* by nutcrackers and scatter-hoarding rodents | Thesis- Xishuangbanna Tropical Botanical garden, Chinese Academy of Science | China | Diqingzhou in Yunnan Province | *Pinus armandii* Rodents  Nutcrackers |
| 15 | Chang et al., 2012 | 2008-2009 | Effect of forest rodents on predation and dispersal of *Pinus armandii* seeds in Qinling Mountains | Acta Ecologica Sinica | China | Foping National Nature Reserve in Shaanxi Province | *Pinus armandii* Rodents |
| 16 | Zhou et al., 2013 | 2010 | Predation and removal of rodents on the seeds with different size and pericarp traits | Chinese Journal of Applied Ecology | China | Liupanshan national nature reserve in Guizhou Province | *Pinus armandii* Rodents |
| 17 | Yan et al., 2013 | 2010 | Seed predation and removal of *Quercus wutaishanica*, *Prunus salicina* and *Pinus armandii* by rodents in the Liupan Mountains | Biodiversity Science | China | Liupanshan Nature Reserve in Guizhou Province | *Pinus armandii* Rodents |
| 18 | Yu, 2014 | 2012-2013 | Seed Dispersal Process and Natural Regeneration Pattern of Constructive Species in the Pine-oak Forests of the Qinling Mountains, China | Thesis- NorthwestSci-Tech University | China | Qinling mountains in Gansu and Henan Province | *Pinus armandii* Rodents |
| 19 | Kang et al., 2017 | 2015 | Selection mechanism of rodents on the removal and predation microhabitats of seeds from different tree species | Acta Ecologica Sinica | China | Qinling mountains in Gansu Province | *Pinus armandii* Rodents |
| 20 | Huo et al., 2019 | 2015 | Effects of rodents on seed dispersal patterns of constructive species in the pine-oak mixed forests of the Qinling Mountains，Shaanxi Province，China | Acta Ecologica Sinica | China | Qinling mountains in Gansu Province | *Pinus armandii* Rodents |
| 21 | Qu, 2019 | 2016-2018 | Seed eaters of China Armand pine (*Pinus armandii*) within animal-plant mutualism network in Southeast Tibet | Northeast Forestry University | China | Southeast Tibet | *Pinus armandii* Rodents  Nutcrackers |
| 22 | Zhu et al., 2020 | 2015 | Feeding and Dispersal of *Larix pricipis*-rupprechtii, *Pinus armandii* and *P. koraiensis* seeds by Forest Rats | Seed | China | Liupanshan in Guizhou Privince | *Pinus armandii*  *Pinus koraiensis*  Rodents |
| ***Pinus dabeshanensis*** | | | | | | | |
| Number | Sources | Year | Title | Journal | Country | Location | Taxa |
| 23 | Xiang et al., 2016 | 2015 | Comparison of seed characteristics of *Pinus dabeshaneses* in different seed stands | Journal of Anqing Normal University (Natural Science Edition) | China | Dabie Mountain in Anhui Province | *Pinus dabeshanensis* |
| 24 | Su et., al 2018 | 2015-2016 | Role of animals in the natural population regeneration of *Pinus dabeshanensis* | Acta Ecologica Sinica | China | Yuexi Country in Anhui Province | *Pinus dabeshanensis*  Rodents |