

PROGRESSIVE LIST OF FOREST INVASIVE SPECIES PRESENT IN PAPUA NEW GUINEA

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	Scientific Name	Common Name	Origin	Introduction		Likely pathways of spread	Vectors	Distribution Patterns	Rate of Change	Major Change	Threat Level
				Method	Year						
1	<i>Passiflora mollissima</i> <i>P.tripartite</i> <i>P.mirta</i>		South America	?	?	Animal excretion, feralpigs	Animals (Pigi birds)	Enga Province border with WHP	?	?	Highland areas
2	<i>Rubus</i> spp.		?	?	?	animals	birds		?	?	National
3	<i>Rubus moluccanus</i>		Himalaya through Malaysia, Australia, Solomons, Fiji	?	?	?	Birds dispersed fruits	Lowlands to 1000m asl	?	?	National
4	<i>Chromolaena odorata</i> <i>Eupatorium odoratum</i>		Tropical America	?	?	Wind dispersed seeds	wind	Common in lowlands up to 1000m	?	?	National
5	<i>Leucaena leucocephala</i> <i>L.glauca</i>	Lamantrol Laindrol	Tropical America	?	?	Rodents, birds dispersed seeds	birds	Country wide	?	?	National
6	<i>Mimosa invisa</i> <i>M.diplotricha</i>	Nil Grazil	Brazil	?	?	Birds seeds carried by animals or on clothing		widely distributed, especially abundant in lowlands	?	?	National
7	<i>Clerodendro quadriloculare</i>		Philippines	?	?	Ornamental nurseries	Commercial nurseries, trades	?	?	?	Potential national threat
8	<i>Timonius timon</i>		Timer, Moluccas, N.Australia, New Guinea, Solomons	?	?	?	Fruit bats, birds	Lowlands of PNG	?	?	Potential lowland threat nationally

9	<i>Spathodea campanulata</i>	Stik Masis	West Africa	?	?	Ornamentally planted	Wind dispersed seeds	Lowlands of PNG, recently seen in Simbu (highlands)	?	?	Real National threat
10	<i>Paraserianthes falcataria</i> <i>Albizia falcataria</i> <i>Adenanthera falacataria</i>	Opisa Marmar	Moluccas New Guinea	?	?	Forestry Plantings Reforestation projects, Coffe Shade trees	Seeds dispersed by birds	Lowlands to highlands	?	?	National
11	<i>Tecoma stans</i>		Tropical America	?	?	Wind dispersed seeds		?	?	?	National
12	<i>Tithonia diversifolia</i>		Mexico and Central America	?	?	?	seeds	?	?	?	National
13	<i>Merremia diversifolia</i>		Indo-pacific	?	?	?	?	Lowlands up to lower parts of the highlands of PNG	?	?	National
14	<i>Imperata cylindrical</i>	Kunai gras	Old world	?	?	Seeds and rhizomes	?	?	?	?	National
15	<i>Clitoria ternate</i>										
16	<i>Cebia petandra</i>	Kapok	Tropical America	?	?	Seeds germinate quickly	Fruit bats	Widespread in PNG, especially in lowlands	?	?	National
17	<i>Samanea saman</i> <i>Pithecellobium saman</i>	Marmar	Tropical America	?	?	seed	Commonly planted for shade	Common in lowlands of PNG	?	?	Invasive in PNG lowlands
18	<i>Tibouchina herbacea</i>		South America	?	?	Seed	Ornamental plantings	Common in PNG highlands	?	?	Potentially invasive in PNG Highlands
19	<i>Melinis minutiflora</i> <i>Panicum minutiflora</i>		Africa	?	?	Wind dispersed seeds	wind	PNG highlands	?	?	National
20	<i>Lantana camara</i>		Central America	?	?	Bird dispersed	Frugivorous birds	Widespread in PNG	?	?	National
21	<i>Cenchrus echinatus</i>			?	?	seeds	Deeds attach to animals/clothings very easily	Widespread in PNG	?	?	National

22	<i>Paspalum conjugatum</i>		Tropical America	?	?	Seeds	Seeds cling on to clothes/ animal fursetc	Widespread in PNG	?	?	National
23	<i>Pennisetum polystachyon</i>	Misin Grass	Tropical Africa to India	?	?	Seeds	Wind dispersed seeds	Widespread in PNG	?	?	National
24	<i>Pennisetum purpureum</i>	Elephant Grass	Tropical Africa	?	?	seeds	Wind dispersed seeds	Widespread in PNG	?	?	National
25	<i>Bidens pilosa</i> <i>Bidens alba</i>		Tropical America	?	?	seeds	Animal dispersed	Common in PNG, in the highlands up to over 2000m asl	?	?	National
26	<i>Wedelia trilobata</i> <i>Sphagneticola trilobata</i>		Central America	?	?	Seeds/vegetatively	?	Widespread through PNG	?	?	National
27	<i>Senecia mikanoides</i> <i>Delairea odorata</i>		South Africa	?	?	seeds	Wind dispersed seeds	Present in PNG Highlands	?	?	Regional
28	<i>Allemanda cathartica</i>		Tropical America	?	?	Cuttings/seeds	Ornamental commercial nurseries	Throught PNG	?	?	National
29	<i>Thevetia peruvina</i>		Central America	?	?	seeds	Ornamental nurseries/garden and yard planting is common	Throught PNG	?	?	National
30	<i>Mikania micrantha</i>		South America	?	?	Seeds/vegetative	Seed dispersed by wind	Widespread in PNG	?	?	National
31	<i>brugmansia candida</i> <i>Datura candida</i>		South America	?	?	Vegetative/seeds	Vegetative	Widespread in PNG	?	?	Natioanl

32	<i>Passiflora foetida</i>		South America	?	?	seeds	Edible fruits dispersed by animals/humans	Common in PNG lowlands	?	?	Regional
33	<i>Crotaria</i> spp.		Pantropical? Asian	?	?	seeds	Animal/wind dispersed seeds	A few species which are Quite widespread in PNG	?	?	National
34	<i>Sida rhombifolia</i>		Pantropical	?	?	seeds	wind dispersed seeds	Widespread in Png, different species in lowlands and highlands	?	?	National
35	<i>Thunbergia alata</i>		Tropical Africa	?	?	seeds	Wind dispersed	Common in low altitudes	?	?	Regional
36	<i>Stachytarpheta urticaefolia</i>		Tropical America	?	?	?	?	Common in low altitudes to about 2000 asl	?	?	National
37	<i>Solanum torvum</i>		Pantropical	?	?	seeds	Bird dispersed fruits	Sea level to 2000m asl	?	?	National
38	<i>Piper aduncum</i>	Wel daka diwai	Tropical America	?	?	seeds	Bird dispersed seeds	Widespread at low altitudes, but now moving up to the highlands past 1000m asl	?	?	National
39	<i>Hyptis pectinata</i>		Tropical America	?	?	seeds	Wind dispersed seeds	Common in lowlands of PNG, now also found in highland areas past 1000m asl	?	?	Regional

