



Supplementary Table

Populations of *Nepenthes* natural hybrids might overcome secondary forest in Ban Thung Tuek, Ko Kho Khao, Phangnga Province, Thailand

Napat Jantaraprasit^a, Chatchai Ngernsaengsaruy^{a,b}, Raweewan Thunthawanich^{a,*}

^a Department of Botany, Faculty of Science, Kasetsart University, Bangkok 10900, Thailand

^b Biodiversity Center, Kasetsart University (BDCKU), Bangkok 10900, Thailand

Supplementary Figure



Fig. S1 Habitat of Plot A showing fully covered vegetative surface from grasses, ferns and the lycophyte *Palhinhaea cernua* (L.) Vasc. & Franco



Fig. S2 Habitat of Plot C with sandy surface (not shown) and dominant *Dapsilanthus disjunctus* (Mast.) B.G. Briggs & L.A.S. Johnson vegetative species (Smitinand et al., 1972) and inflorescences of *Nepenthes* clearly visible throughout

* Corresponding author.

E-mail address: fscirwt@ku.ac.th (R. Thunthawanich)



Fig. S3 Root stock of *Nepenthes andamana* M. Catal. illustrating ability to thrive in drought and fire-prone habitats



Fig. S4 *Nepenthes andamana* M. Catal. in juvenile stage showing sufficient vegetative morphological parts for species identification, without any signs of reproductive parts



Fig. S5 *Nepenthes andamana* M. Catal. in mature stage with less than five inflorescences developed simultaneously



Fig. S6 *Nepenthes andamana* M. Catal. in large mature stage with at least five inflorescences developed simultaneously



Fig. S7 *Nepenthes andamana* M. Catal.: (A) numerous aerial pitchers and emerging inflorescence; (B) terrestrial pitcher with deep red color; (C) aerial pitchers with pale green-to-white peristome; (D) petiole base clasping three-quarters of stem circumference



Fig. S8 *Nepenthes mirabilis* (Lour.) Druce var. *globosa* M. Catal.: (A) globose terrestrial pitchers; (B) aerial pitcher with conical shape and partially deformed wings

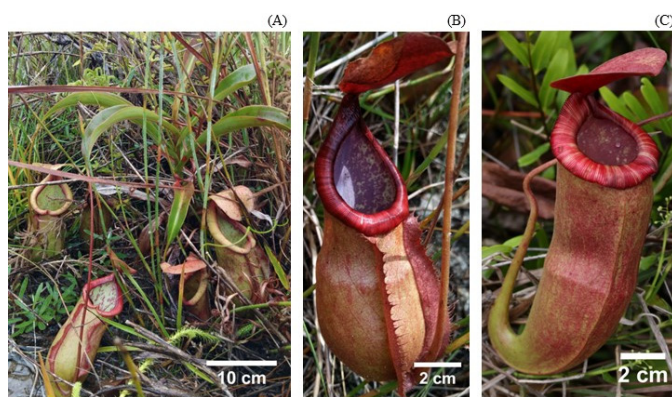


Fig. S9 *Nepenthes mirabilis* (Lour.) Druce × *Nepenthes andamana* M. Catal.: (A) large terrestrial and intermediate pitchers; (B) terrestrial pitcher with paler color and bloated size compared to *N. andamana*; (C) bloated aerial pitcher with colorful striped peristome

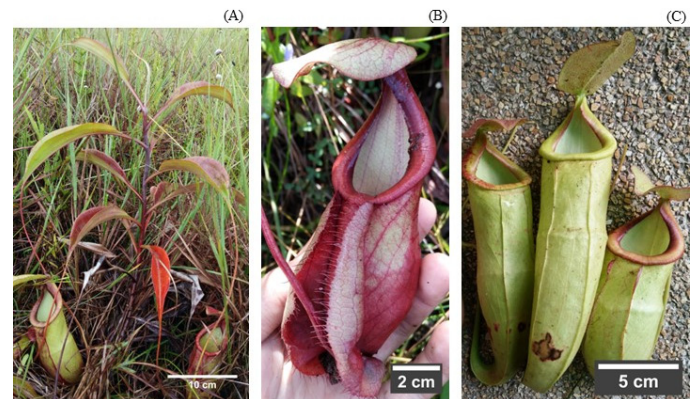


Fig. S10 *Nepenthes mirabilis* (Lour.) Druce var. *globosa* M. Catal. × *Nepenthes mirabilis* (Lour.) Druce var. *mirabilis* (Lour.) Druce: (A) large terrestrial and intermediate pitchers; (B) terrestrial pitcher with extensive wings and semi-globose shape; (C) bloated aerial pitchers and larger in size than *N. mirabilis* var. *mirabilis*

Supplementary Table

Table S1 Tree species composition, frequency, basal area, abundance and Importance Value Index (IVI) across different plots in Ban Thung Tuek, Ko Kho Khao, Phangnga province, Thailand

Plot	Species	Family	Frequency (%plot)	Basal area (m ²)	Abundance (individuals)	IVI (%)
A	<i>Ficus</i> sp.	Moraceae	10	0.020	1	35.52
	<i>Melaleuca cajaputi</i>	Myrtaceae	70	0.213	6	264.48
	Total		80	0.233	7	300.00
B	<i>Melaleuca cajaputi</i>	Myrtaceae	10	0.047	1	300.00
	Total		10	0.047	1	300.00
C	<i>Melaleuca cajaputi</i>	Myrtaceae	20	0.056	2	174.15
	<i>Syzygium antisepticum</i>	Myrtaceae	10	0.081	1	125.85
	Total		30	0.138	3	300.00

A = Humid zone; B = Intermediate zone; C = Dry zone.

Table S2 Sapling species composition, frequency, basal area, abundance and Importance Value Index (IVI) across different plots in Ban Thung Tuek, Ko Kho Khao, Phangnga province, Thailand

Plot	Species	Family	Frequency (%plot)	Basal area (m ²)	Abundance (individual)	IVI (%)
A	<i>Melaleuca cajaputi</i>	Myrtaceae	40	0.076	15	237.15
	<i>Syzygium antisepticum</i>	Myrtaceae	10	0.000	1	20.24
	<i>Syzygium grande</i>	Myrtaceae	10	0.000	1	20.24
	<i>Syzygium</i> sp.	Myrtaceae	10	0.002	1	22.36
	Total		70	0.079	18	300.00
B	<i>Melaleuca cajaputi</i>	Myrtaceae	30	0.052	5	209.40
	<i>Syzygium antisepticum</i>	Myrtaceae	20	0.002	1	51.00
	<i>Syzygium grande</i>	Myrtaceae	10	0.005	1	39.60
	Total		60	0.059	7	300.00
C	<i>Melaleuca cajaputi</i>	Myrtaceae	40	0.050	8	220.64
	<i>Syzygium antisepticum</i>	Myrtaceae	30	0.010	2	79.36
	Total		70	0.059	10	300.00

A = Humid zone; B = Intermediate zone; C = Dry zone.

Table S3 *Nepenthes* species and natural hybrids composition, frequency and abundance across different plots in Ban Thung Tuek, Ko Kho Khao, Phangnga province, Thailand

Plot	Species	Stage	Abundance (individuals/10 m ²)	Frequency
A	<i>N. mirabilis</i> × <i>N. andamana</i>	Mature	1	10
	<i>N. mirabilis</i> × <i>N. andamana</i>	Large mature	1	10
	<i>N. mirabilis</i> var. <i>globosa</i>	Juvenile	2	10
	<i>N. mirabilis</i> var. <i>globosa</i>	Mature	1	10
	<i>N. mirabilis</i> var. <i>globosa</i>	Large mature	1	10
	<i>N. mirabilis</i> var. <i>globosa</i> × <i>N. mirabilis</i> var. <i>mirabilis</i>	Juvenile	4	20
	Total		10	70
B	<i>N. mirabilis</i> × <i>N. andamana</i>	Juvenile	2	10
	<i>N. mirabilis</i> × <i>N. andamana</i>	Mature	1	10
	<i>N. mirabilis</i> var. <i>globosa</i> × <i>N. mirabilis</i> var. <i>mirabilis</i>	Juvenile	29	20
	Total		32	40
C	<i>N. andamana</i>	Juvenile	4	20
	<i>N. andamana</i>	Mature	1	10
	<i>N. andamana</i>	Large mature	1	10
	Total		6	40

A = Humid zone; B = Intermediate zone; C = Dry zone.