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DENR ADMINISTRATIVE ORDER
No. 2020-17

DEC 15 2020

SUBJECT : DECLARING CERTAIN FOREST AREA WITHIN THE ZAMBALES MOUNTAIN RANGE IN THE MUNICIPALITY OF MANGATAREM, PROVINCE OF PANGASINAN AS CRITICAL HABITAT FOR THE ENDEMIC AND THREATENED SPECIES OF WILD FAUNA AND FLORA WHICH SHALL BE KNOWN AS THE "MANGATAREM CRITICAL HABITAT"

Pursuant to Section 25 of Republic Act No. 9147, otherwise known as the "Wildlife Resources Conservation and Protection Act", Rules 25.1-25.5 of Joint DENR-DA-PCSD Administrative Order No. 01, Series of 2004, the joint implementing rules and regulations of RA 9147, consistent with DENR Memorandum Circular No. 2 Series of 2007 "Guidelines on the Establishment and Management of Critical Habitat", and in order to protect the habitat and population of the endemic and threatened species of wild fauna and flora found thereat, certain portion within the Zambales Mountain Range, specifically situated in the Municipality of Mangatarem, Province of Pangasinan is hereby designated as a Critical Habitat and shall be known as the "MANGATAREM CRITICAL HABITAT".

Section 1. Statement of Policy

It is the policy of the State to conserve the country's wildlife resources and their habitats for ecological and economic sustainability. As such, habitats outside Protected Areas under the Republic Act 7586 (National Integrated Protected Areas System) where threatened species are found may be designated as Critical Habitat. It is also the policy of the state that all designated critical habitats shall be protected and managed in coordination with the local government units and other concerned groups, from any form of exploitation or destruction which may be detrimental to the survival of the threatened species dependent therein.

Section 2. Objectives

The objectives of this Administrative Order are as follows:

- 2.1 To protect and conserve the 4,422.80 hectares of forest area at Barangays Cacaoiten, Cabaluyan 2nd, Calomboyan Sur, Lawak Langka, Catarataran, Pacalat, and Malabobo in the Municipality of Mangatarem, Province of Pangasinan which serve as habitat of several species of threatened and endemic wild fauna that include Philippine deer (*Rusa marianus*), Philippine warty pig (*Sus philippensis*), Philippine duck (*Anas luzonica*), Flame-breasted Fruit Dove (*Ptilinopus marchei*), Philippine eagle-owl (*Bubo philippensis*), Luzon scops-owl (*Otus longicornis*), and Rufous hornbill (*Buceros hydrocorax*), the threatened flora species: *Diospyros philippinensis*, *Cinnamomum mercadoi*, *Tristanopsis decorticata*, and several species from the Dipterocarpaceae Family, and other endemic and threatened species of flora and fauna;
- 2.2 To provide a legal framework for the protection of Mangatarem Critical Habitat from destructive resource uses and developmental activity or other types of land uses;

- 2.3 To establish a locally-driven ecosystem management approach that guarantees the dynamic and full participation of Local Government Units, communities, peoples organizations and other stakeholders integrating threatened species conservation as part of local development planning process and way of life of the people; and,
- 2.4 To sustainably manage the 4,422.80 hectares of forest land which is the most important and one of the few remaining forest block in Pangasinan, as viable habitat for endemic and threatened species; to maintain ecological services as well as other biodiversity and cultural values of the area; and, to develop the non-destructive type of land use of the area that supports sustainable community livelihoods.

Section 3. Technical Description

The Mangatarem Critical Habitat covers an approximate area of **four thousand four hundred twenty two and 80/100 (4,422.80) hectares** as indicated in the herein attached area map (Annex "A") which forms an integral part of this Order, subject to private rights if there be any, and to ground survey and delineation, which is particularly described as follows:

CORE ZONE		
Beginning at a point marked "1" on the map being S59°20'52"W, 4450.957 meters from PRS92 Control Monument "PNG-3214" with geographic coordinates 15° 42' 15.254"N, 120° 16' 56.234"E located at Brgy. Catarataran, Mangatarem, Pangasinan		
Line	Bearing	Distance (meters)
1-2	S 57-10-19 E	2608.00
2-3	N 38-56-47 E	900.77
3-4	S 57-43-29 E	200.2
4-5	N 73-56-24 E	319.68
5-6	S 3-56-1 W	791.60
6-7	S 63-26-6 W	312.24
7-8	S 15-2-39 W	406.47
8-9	S 36-8-31 W	170.99
9-10	N 80-26-0 W	140.04
10-11	S 34-12-57 W	281.44
11-12	S 26-33-54 E	86.73
12-13	S 62-35-33 W	235.94
13-14	S 35-39-19 W	175.68
14-15	S 62-21-14 W	183.91
15-16	S 55-47-3 E	93.81
16-17	S 18-5-26 W	244.84
17-18	N 89-29-2 W	172.23
18-19	S 24-31-11 E	194.41
19-20	S 61-18-6 E	484.66
20-21	S 8-47-7 W	518.09
21-22	S 82-55-16 W	239.21
22-23	S 16-24-15 E	346.12

23-24	S 55-14-30 W	623.22
24-25	N 89-12-35 W	225.00
25-26	S 76-41-11 W	208.87
26-27	S 37-55-47 W	285.22
27-28	S 1-41-30 W	145.69
28-29	S 1-41-30 W	590.07
29-30	S 86-20-27 W	267.41
30-31	S 21-4-49 W	297.65
31-32	S 89-37-44 W	1436.76
32-33	N 40-35-54 W	1005.70
33-34	N 3-21-57 E	1043.69
34-35	N 49-9-25 W	1743.81
35-36	N 24-16-47 W	1359.19
36-37	N 19-31-57 W	2209.23
37-38	N 36-18-34 W	2610.57
38-39	S 88-53-19 E	2249.52
39-40	N 56-35-54 E	874.73
40-41	N 24-17-53 E	709.10
41-42	N 22-57-7 W	584.21
42-43	N 53-11-46 E	459.32
43-44	N 0-5-30 E	536.61
44-45	S 53-35-59 E	1190.63
45-46	N 16-12-32 E	568.71
46-47	S 79-26-53 E	658.84
47-48	N 14-33-13 E	682.29
48-49	S 58-57-4 E	417.72
49-1	S 0-56-20 W	4921.77
Total CORE ZONE AREA		4,323.68 hectares

BUFFER ZONE

Beginning at a point marked "1" on the map
being S18°54'27"W, 3078.075 meters from PRS92
Control Monument "PNG-3214" with geographic
coordinates 15° 42' 15.254"N, 120° 16' 56.234"E
located at Brgy. Catarataran, Mangatarem, Pangasinan

Line	Bearing	Distance (meters)
1-2	S 61-11-21 E	123.837
2-3	N 76-54-29 E	422.355
3-4	S 4-28-12 W	982
4-5	S 62-55-41 W	322.322
5-6	S 15-31-27 W	119.15
6-7	S 13-28-2 W	264.861
7-8	S 39-56-59 W	236.798
8-9	N 88-44-27 W	141.225
9-10	S 34-30-31 W	150.628
10-11	S 20-28-20 E	124.211
11-12	S 59-20-24 W	301.216
12-13	S 39-32-33 W	173.031
13-14	S 71-33-54 W	63.784

14-15	S 22-37-12 E	40.34
15-16	S 18-26-6 W	348.356
16-17	S 87-52-44 W	83.841
17-18	S 59-45-20 E	529.824
18-19	S 9-23-44 W	235.68
19-20	S 9-23-44 W	420.113
20-21	S 83-12-40 W	196.875
21-22	S 14-47-11 E	316.124
22-23	S 56-8-20 W	721.223
23-24	N 88-6-57 W	235.963
24-25	S 74-20-16 W	172.417
25-26	S 37-43-30 W	207.931
26-27	S 1-27-47 W	789.995
27-28	S 85-49-46 W	298.688
28-29	S 20-9-53 W	292.556
29-30	S 89-11-26 W	1427.567
30-31	N 37-7-51 W	136.227
31-32	N 89-37-44 E	1436.764
32-33	N 21-4-49 E	297.647
33-34	N 86-20-27 E	267.411
34-35	N 1-41-30 E	735.754
35-36	N 37-55-47 E	285.223
36-37	N 76-41-11 E	208.866
37-38	S 89-12-35 E	224.996
38-39	N 55-14-30 E	623.215
39-40	N 16-24-15 W	346.12
40-41	N 82-55-16 E	239.21
41-42	N 8-47-7 E	518.089
42-43	N 61-18-6 W	484.659
43-44	N 24-31-11 W	194.408
44-45	S 89-29-2 E	172.229
45-46	N 18-5-26 E	244.835
46-47	N 55-47-3 W	93.814
47-48	N 62-21-14 E	183.909
48-49	N 35-39-19 E	175.675
49-50	N 62-35-33 E	235.942
50-51	N 26-33-54 W	86.734
51-52	N 34-12-57 E	281.442
52-53	S 80-26-0 E	140.035
53-54	N 36-8-31 E	170.994
54-55	N 15-2-39 E	406.473
55-56	N 63-26-6 E	312.243
56-57	N 3-56-1 E	791.603
57-58	S 73-56-24 W	319.683
58-59	N 57-43-29 W	200.204
59-60	N 38-56-47 E	52.012
60-1	N 53-54-9 E	51.019
Total BUFFER ZONE AREA		99.12 hectares

The National Mapping and Resource Information Authority (NAMRIA), in coordination with the DENR-Region I shall undertake ground verification of the above-said coordinates within ninety (90) days from the effectivity of this Order. Natural topographic features of the area, vegetative cover or permanent markers shall be used as boundary monuments/indicators. In case there are rectifications on the technical descriptions of the area, the final map as verified by the NAMRIA shall be endorsed by the Regional Executive Director and the BMB Director to the DENR Secretary for approval.

Section 4. Management of the Mangatarem Critical Habitat. The DENR-Region I shall manage the Mangatarem Critical Habitat in partnership and coordination with the Local Government Units (LGUs) and other partners/stakeholders.

Section 5. Critical Habitat Management Plan. The DENR-Region I and the Municipal Government of Mangatarem, in coordination and collaboration with other local stakeholders shall jointly prepare and cause the implementation of the Critical Habitat Management Plan (CHMP).

- a. The CHMP must be able to address: a) management objectives; b) key management issues; c) site management strategies and activities such as but not limited to habitat protection, rehabilitation, community organizing, promotion of environmental education and awareness, ecotourism, and other developmental activities towards the sustainable management of the area; d) administration; and, e) monitoring and evaluation, among others;
- b. In the implementation of the CHMP the DENR Regional Office and partners shall ensure that:
 - i. existing ecosystems in the critical habitat are preserved and are kept in a condition that will support and enhance the existing populations of the endemic and threatened species of wild fauna and flora;
 - ii. development activities surrounding the Critical Habitat shall undergo necessary assessment processes so as to safeguard the ecological integrity of the area; and,
 - iii. all applicable environmental laws, including Section 27 (c) of RA 9147 governing prohibited acts within critical habitats as defined under Section 6 hereof are strictly enforced.

Section 6. Prohibited Acts. The conduct of the following activities inside the Mangatarem Critical Habitat are prohibited and punishable in accordance with Section 27(c) and Section 28 of RA 9147:

- a. dumping of waste products detrimental to wildlife;
- b. squatting or otherwise occupying any portion of the critical habitat;
- c. mineral exploration and/or extraction;
- d. burning;
- e. logging; and
- f. quarrying.

Section 7. Funding. The DENR Regional Office shall allocate funds for the operation and implementation of the CHMP. As such, the DENR Regional Office shall include funds for the purpose in their Annual Work and Financial Plan. The DENR shall also endeavour to engage LGUs and other partner/s to provide funds for the management of critical habitat.

Section 8. Repealing Clause

All orders, circulars and issuances which are inconsistent herewith are hereby repealed and/or modified accordingly.

Section 9. Separability Clause

If any provision of this Order shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

Section 10. Effectivity

This Order takes effect fifteen (15) days after publication in a newspaper of general circulation and acknowledgement by the Office of the National Administrative Register (ONAR) of the UP Law Center.


ROY A. CIMATU
Secretary



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