

HJ

HJ 623—2011

Standard for the assessment of regional biodiversity

2011-09-09

2012-01-01

	.....	II
1	.....	1
2	.....	1
3	.....	1
4	.....	2
5	.....	2
6	.....	4
7	.....	4
8	.....	4
9	.....	4
10	.....	5
11	.....	5
A	.....	6
B	.....	6
C	.....	6
D	.....	7

A B C D

2011 9 9
2012 1 1

1

2

GB/T 7714-2005

[1988]144

[1999]92

2010

27

3

3.1 biodiversity

3.2 richness of wild animal species

3.3 richness of wild vascular plant species

3.4 diversity of ecosystem types

3.5 species endemism

3.6 alien species

3.7 invasive alien species

3.8 degree of invasion of invasive alien species

3.9 threatened species

3.1

4

4.1

4.2

4.2.1

4.2.2

4.2.3

5

5.1

5 10

5.2

2010 27

5.3

A

A

A

5.4

B

1

$$E_I = \frac{N_I}{(N_V + N_P)}$$

1

: E_I -----

N_I -----

N_V -----

N_P -----

5.5

2

$$E_D = \frac{\frac{N_{EV}}{635} + \frac{N_{EP}}{3662}}{2}$$

2

: E_D -----

N_{EV} -----

N_{EP} -----

635 -----

3662-----

5.6

3

$$R_T = \frac{\frac{N_{TV}}{635} + \frac{N_{TP}}{3662}}{2}$$

3

: R_T -----

N_{TV} -----

N_{TP} -----

6

$$= \frac{100}{A} \times A$$

	3662
	635
	124
	0.3070
	0.1572
	0.1441

7

2
2

	0.20
	0.20
	0.20
	0.20
	0.10
	0.10

8

4

$$BI = R_V \times 0.2 + R_P \times 0.2 + D_E \times 0.2 + E_D \times 0.2 + R_T \times 0.1 + (100 - E_I') \times 0.1 \quad 4$$

: BI -----

R_V' -----

R_P' -----

D_E' -----

E_D' -----

R_T' -----

E_I' -----

9

BI

(3)

3

	<i>BI 60</i>	, ,
	30 <i>BI 60</i>	, , ,
	20 <i>BI 30</i>	, ,
	<i>BI 20</i>	, ,

10

D

11

A

						1	2	3
1									
2									
3									
.....									

B

				1	2	3
1							
2							
3							
.....							

C

		1	2	3
1					
2					
3					
.....					

D

1

2

3

(1)

(2)

(3)

(4)

(5)

(6)

4.

(GB/T 7714-2005)